

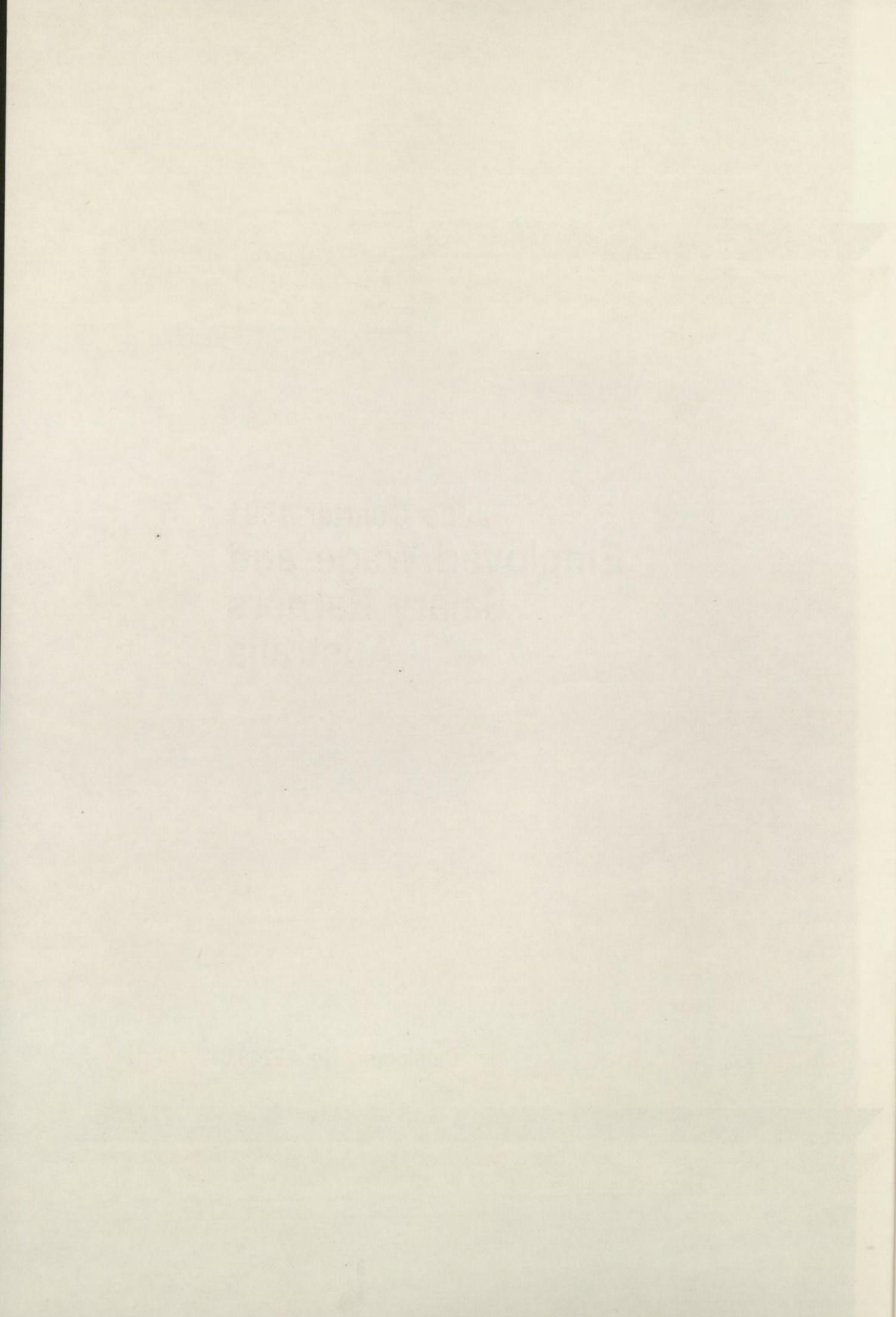


EMPLOYED WAGE AND SALARY-EARNERS  
AUSTRALIA

June Quarter 1991  
**Employed Wage and  
Salary Earners  
Australia**

TAN CASTLES  
Australian Statistics

Catalogue No. 6248.0



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## INQUIRIES

- for further information about statistics in this publication and the availability of revised unpublished statistics, contact Mr Eric Penson on Canberra (06) 253 6511 or any ABS State office.
- for information about other ABS statistics and services please refer to the back page of this publication.

AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 6248.0

EMPLOYED WAGE AND SALARY EARNERS  
AUSTRALIA  
JUNE QUARTER 1991

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Australian Bureau of Statistics

CATALOGUE NO. 6408.0

AUSTRALIAN BUREAU OF STATISTICS

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## SUMMARY OF FINDINGS

The Australian Bureau of Statistics (ABS) publishes two series of employment estimates.

The monthly Labour Force Survey collects data by interview from a sample of about 31,000 private and non-private dwellings, using trained interviewers. Self-employed persons are included in the Labour Force Survey. The estimates are published in *The Labour Force, Australia, Preliminary* (6202.0) and *The Labour Force, Australia* (6203.0).

The Survey of Employment and Earnings is a quarterly sample survey of approximately 15,000 private and 2,500 public employer units, selected from the ABS register of businesses and conducted by mail. This publication contains estimates from the Survey of Employment and Earnings.

There are conceptual and methodological reasons for differences in the estimates produced by the two surveys. These are discussed in paragraphs 19-22 of the Explanatory Notes and in an *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0). The two series should be seen as complementary and movements in them have generally been broadly consistent. In recent time periods the two surveys have shown some divergence in the estimates produced.

The ABS considers that the Labour Force series provides the better indicator of overall employment movements at the Australian and State level. The aggregate employment estimates in the quarterly National Accounts are based on that source.

The Survey of Employment and Earnings provides detailed estimates of employment at the State and industry level, with a dissection between public and private sector employment.

### Private and public sectors

Diagram 1 below shows the number of wage and salary earners (employees) in both original and seasonally adjusted terms. The following analysis is presented in seasonally adjusted terms.) Since March 1991, the number of private sector employees decreased by 95,500 (2.2%) to 4,184,900. In the twelve months to June 1991, the number of private sector employees decreased by 292,100 (6.5%). In the last five years it can be seen that growth (and more recent decline) was concentrated in the private sector. Since June 1986, the estimated number of employees in the private sector increased by 321,500 (8.3%), which represents an average annual increase of 1.6 per cent. The estimated number of private sector employees grew to 4,552,100 in December 1989, and generally declined since then.

Diagram 1 also shows a markedly different pattern for employment in the public sector. Since March 1991, the number of public sector employees decreased by 1,900 (0.1%) to 1,718,100 in June 1991. A decrease of 20,100 (1.2%) occurred in the year to June 1991. In the five years to June 1991, the number of public sector employees decreased by 53,200 (3.0%), representing an average annual decrease over this period of 0.6 per cent.

The proportion of wage and salary earners employed in the private sector increased, from 68.6 per cent in June 1986, to 72.0 per cent in June 1990 and subsequently decreased to 70.9 per cent in June 1991.

Diagram 1 also shows the effects of a number of occurrences that have caused public sector employee estimates to either increase or decrease. In summary, these occurrences were: the cessation and later re-employment of temporary staff of the Community services industry at the end of the school year (December and January each year) and the employment of temporary staff to conduct the 1986 Census of Population and Housing (June and July

DIAGRAM 1. EMPLOYED WAGE AND SALARY EARNERS, SECTORS  
AUSTRALIA

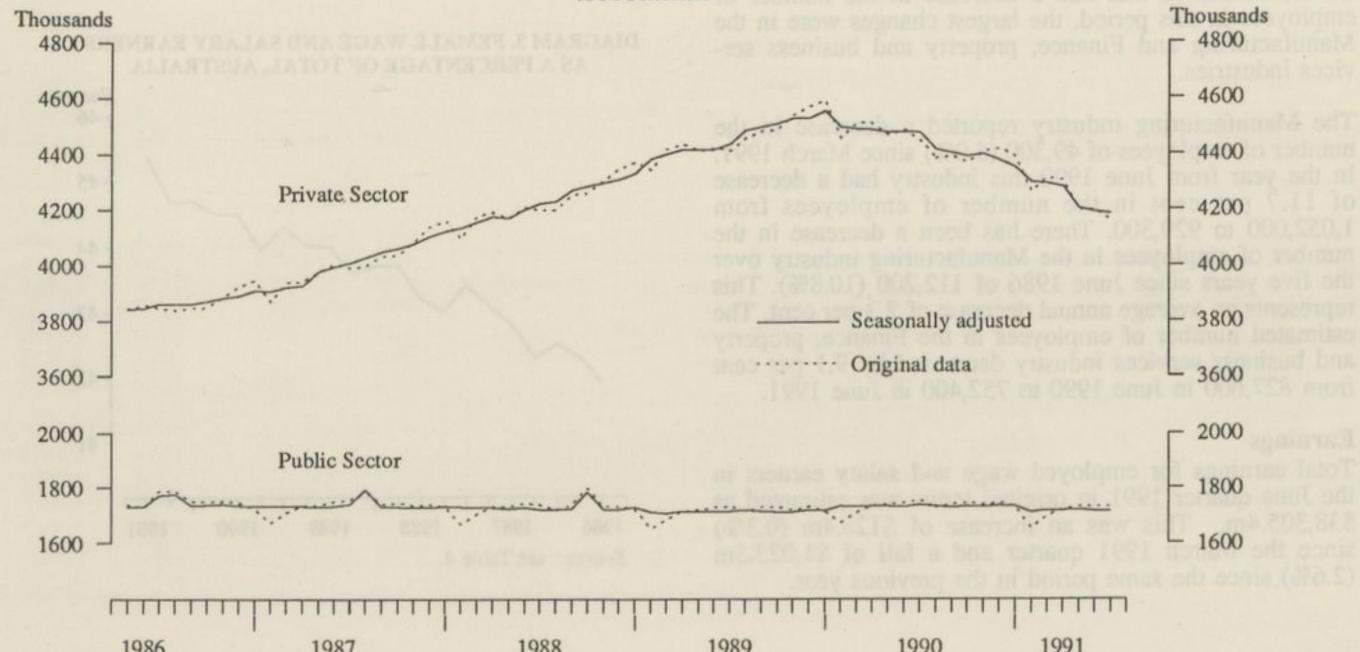
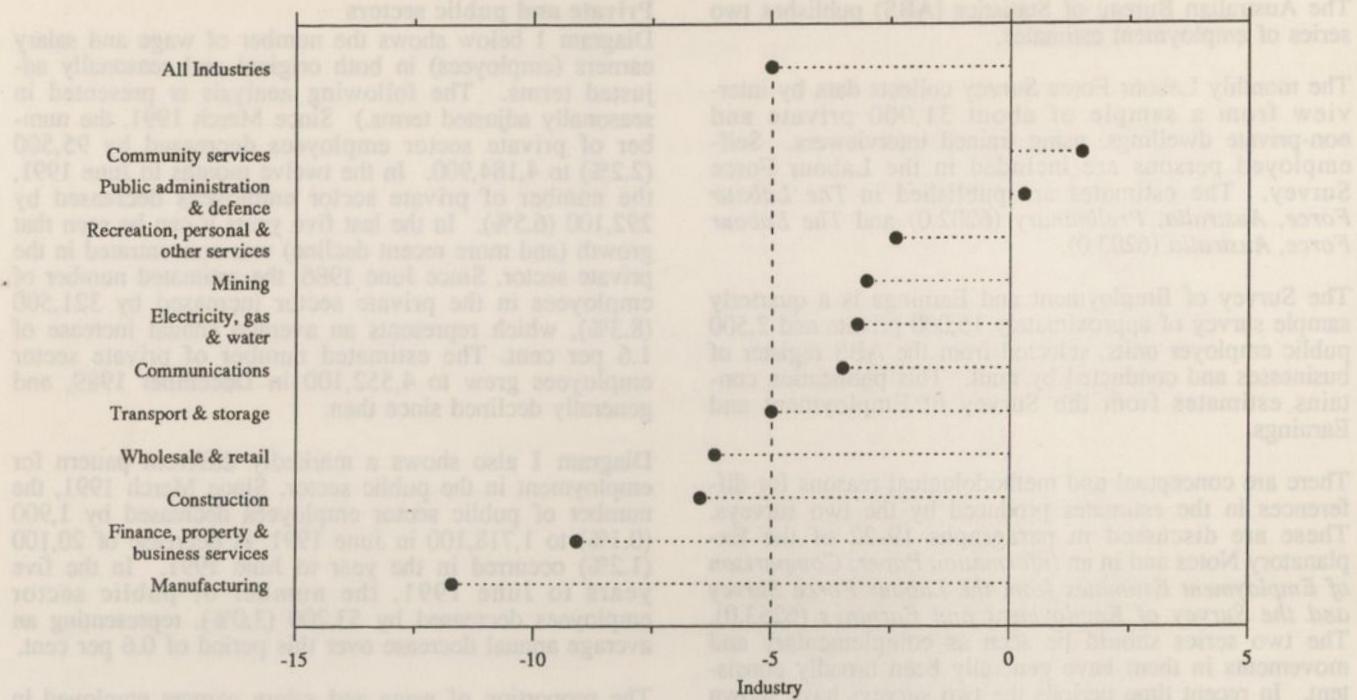


DIAGRAM 2: EMPLOYED WAGE AND SALARY EARNERS,  
SEASONALLY ADJUSTED: AUSTRALIA, INDUSTRIES,  
PERCENTAGE CHANGE IN EMPLOYMENT  
JUNE 1990 - JUNE 1991



Source: Table 11

1986), the July 1987 Federal Election and the September 1988 Referendum. Further details of these occurrences were provided in previous editions of this publication.

#### Industries

Diagram 2 shows the percentage change in employed wage and salary earners in the twelve months to June 1991, seasonally adjusted by industry. There was a decrease of 5.0 per cent in the number of employees for all industries from 6,215,200 in June 1990 to 5,903,300 in June 1991.

Of the industries that had a decrease in the number of employees in this period, the largest changes were in the Manufacturing and Finance, property and business services industries.

The Manufacturing industry reported a decrease in the number of employees of 49,300 (5.0%) since March 1991. In the year from June 1990 this industry had a decrease of 11.7 per cent in the number of employees from 1,052,000 to 929,300. There has been a decrease in the number of employees in the Manufacturing industry over the five years since June 1986 of 112,200 (10.8%). This represents an average annual decrease of 2.3 per cent. The estimated number of employees in the Finance, property and business services industry decreased by 9.1 per cent from 827,600 in June 1990 to 752,400 in June 1991.

#### Earnings

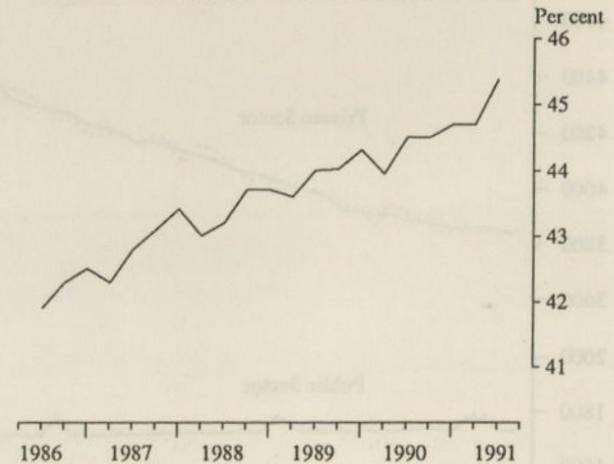
Total earnings for employed wage and salary earners in the June quarter 1991 in original terms was estimated as \$38,305.4m. This was an increase of \$128.4m (0.3%) since the March 1991 quarter and a fall of \$1,023.5m (2.6%) since the same period in the previous year.

#### Male and female wage and salary earners

Estimates of male and female wage and salary earners relate to the middle month of each quarter and are presented only in original terms. For the year to May 1991, the number of female employees decreased by 3.1 per cent while the number of male employees decreased by 6.3 per cent.

Diagram 3 shows the number of female wage and salary earners as a proportion of total wage and salary earners. This proportion grew steadily from 41.9 per cent in May

DIAGRAM 3. FEMALE WAGE AND SALARY EARNERS  
AS A PERCENTAGE OF TOTAL, AUSTRALIA



Source: see Table 4.

1986 to 45.4 per cent in May 1991. (The seasonal fall, between November and February each year, was principally due to the decrease in the number of part-time female employees in the education component of the Community services industry.)

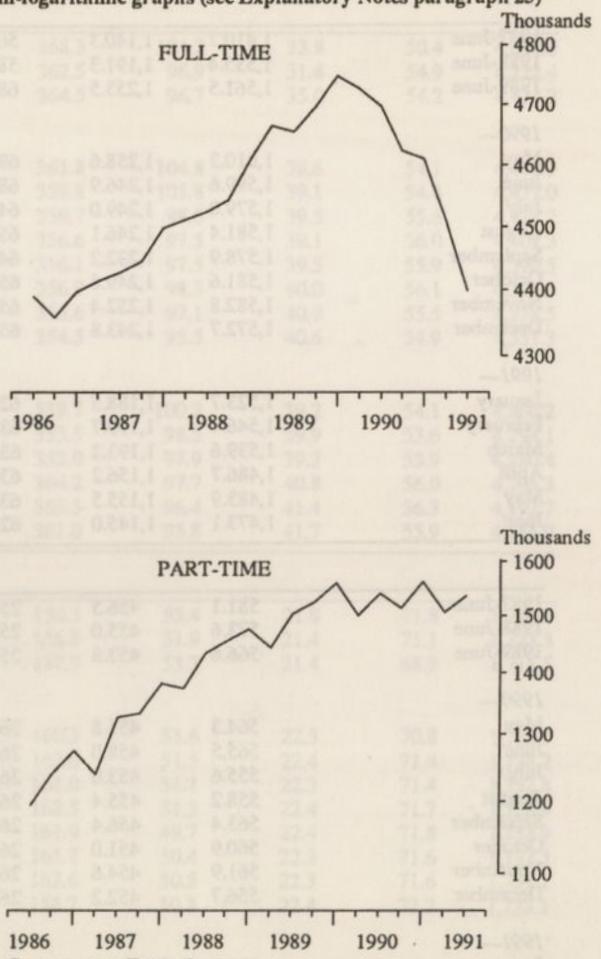
#### Full-time and part-time wage and salary earners

Estimates of full-time and part-time wage and salary earners also relate to the middle month of each quarter and are presented only in original terms. In May 1991 there were an estimated 4,398,200 full-time and 1,532,100 part-time employees in Australia - a decrease of 112,200 (2.5%) full-time and an increase of 30,400 (2.0%) part-time employees since February 1991. In the twelve months to May 1991 the number of part-time employees decreased by 5,500 (0.4%), compared with a decrease in the number of full-time employees of 297,100 (6.3%).

Diagram 4 shows the growth in the number of full-time and part-time employees over the last five years. The growth of part-time employees was 28.2 per cent which was greater than that for full-time employees (0.2%). Average annual growth rates were 5.1 per cent part-time and no significant change for full-time employees.

DIAGRAM 4. EMPLOYED WAGE AND SALARY EARNERS, PERSONS, AUSTRALIA

Semi-logarithmic graphs (see Explanatory Notes paragraph 25)



Source: see Table 9.

TABLE 1. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES, PERSONS  
('000)

Month	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
PRIVATE									
1987-June	1,410.7	1,140.3	563.1	324.1	366.7	100.5	34.8	49.6	3,989.7
1988-June	1,535.4	1,191.3	588.7	339.8	361.2	96.3	32.4	53.9	4,198.9
1989-June	1,561.5	1,253.5	683.0	362.4	363.2	95.9	36.0	53.0	4,408.5
<i>1990—</i>									
May	1,610.3	1,258.6	690.4	366.6	361.7	104.9	40.5	53.7	4,486.8
June	1,599.6	1,246.9	685.8	363.1	358.6	102.9	40.2	53.1	4,450.3
July	1,579.0	1,249.0	647.1	360.7	355.9	97.4	40.1	55.7	4,384.8
August	1,581.4	1,246.1	652.7	362.9	354.0	96.9	40.4	56.5	4,390.9
September	1,578.9	1,232.2	649.2	362.5	352.4	96.4	40.8	55.6	4,367.9
October	1,581.6	1,249.8	656.8	367.3	358.5	97.3	41.1	56.9	4,409.3
November	1,582.8	1,252.4	659.7	370.4	358.9	97.3	40.9	56.8	4,419.1
December	1,572.7	1,243.8	651.6	367.5	360.4	97.2	39.6	55.9	4,388.7
<i>1991—</i>									
January	1,523.7	1,188.5	626.6	378.4	355.3	99.8	37.1	52.3	4,261.7
February	1,546.4	1,199.7	635.6	384.4	355.7	99.6	38.4	53.8	4,313.5
March	1,539.6	1,193.2	638.1	384.3	355.5	99.2	37.9	53.9	4,301.6
April	1,486.7	1,156.2	630.2	367.9	363.4	97.8	40.7	55.9	4,198.8
May	1,483.9	1,155.5	632.2	367.4	365.4	96.5	42.2	55.8	4,198.9
June	1,473.1	1,145.0	628.0	361.3	359.9	94.9	42.9	54.6	4,159.8
PUBLIC									
1987-June	581.1	456.5	259.1	153.7	158.6	53.8	22.0	73.1	1,757.9
1988-June	573.6	455.0	253.5	151.5	159.6	52.3	21.7	72.5	1,739.8
1989-June	566.6	453.8	255.4	149.8	161.0	53.6	21.7	70.3	1,732.3
<i>1990—</i>									
May	564.3	455.8	264.9	152.9	161.8	52.3	22.6	71.5	1,746.1
June	565.5	458.0	265.6	153.7	165.3	52.0	22.8	72.5	1,755.2
July	555.6	453.0	263.8	152.0	159.3	51.1	22.4	71.3	1,728.5
August	558.2	455.4	265.1	153.2	163.8	52.2	22.2	71.4	1,741.5
September	563.4	456.4	266.1	154.2	164.2	50.1	22.5	71.7	1,748.6
October	560.9	451.0	267.4	154.2	161.7	50.9	22.4	71.5	1,740.0
November	561.9	454.6	267.7	154.7	164.2	51.2	22.4	71.5	1,748.1
December	556.7	452.2	264.0	154.1	157.4	51.2	22.4	71.9	1,729.9
<i>1991—</i>									
January	527.8	435.1	254.7	145.4	152.3	46.6	21.8	70.6	1,654.3
February	548.7	441.1	262.3	149.1	157.4	46.8	21.6	71.6	1,698.5
March	560.1	442.5	266.9	151.0	159.1	49.1	22.0	72.6	1,723.2
April	563.9	444.0	267.4	151.7	159.1	49.4	22.1	72.6	1,730.3
May	566.3	444.0	266.0	151.2	158.6	50.2	22.1	72.9	1,731.4
June	565.5	444.9	266.4	152.4	162.3	48.1	22.2	73.3	1,735.1
PRIVATE AND PUBLIC									
1987-June	1,991.7	1,596.7	822.2	477.7	525.3	154.2	56.8	122.7	5,747.5
1988-June	2,109.1	1,646.3	842.2	491.2	520.8	148.6	54.1	126.4	5,938.7
1989-June	2,128.1	1,707.3	938.4	512.2	524.2	149.6	57.7	123.3	6,140.8
<i>1990—</i>									
May	2,174.6	1,714.4	955.3	519.6	523.5	157.3	63.0	125.2	6,232.9
June	2,165.0	1,704.9	951.4	516.8	523.9	154.9	63.0	125.6	6,205.5
July	2,134.5	1,702.0	911.0	512.7	515.2	148.5	62.5	127.0	6,113.4
August	2,139.6	1,701.5	917.8	516.1	517.8	149.0	62.6	127.9	6,132.3
September	2,142.2	1,688.6	915.2	516.7	516.6	146.5	63.3	127.3	6,116.5
October	2,142.5	1,700.8	924.2	521.5	520.2	148.2	63.5	128.4	6,149.3
November	2,144.7	1,707.0	927.4	525.0	523.1	148.5	63.3	128.3	6,167.2
December	2,129.4	1,696.0	915.6	521.6	517.9	148.4	62.0	127.9	6,118.6
<i>1991—</i>									
January	2,051.5	1,623.6	881.2	523.8	507.6	146.4	58.9	122.9	5,916.0
February	2,095.1	1,640.8	897.8	533.5	513.1	146.4	59.9	125.4	6,012.1
March	2,099.6	1,635.7	905.1	535.2	514.5	148.3	59.8	126.5	6,024.8
April	2,050.6	1,600.2	897.7	519.6	522.5	147.3	62.8	128.5	5,929.2
May	2,050.2	1,599.6	898.2	518.6	524.0	146.7	64.3	128.7	5,930.3
June	2,038.6	1,589.9	894.5	513.7	522.1	143.0	65.1	127.9	5,894.9

TABLE 2. EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED, STATES AND TERRITORIES, PERSONS ('000)

Month	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
PRIVATE									
1987-June	1,420.4	1,149.2	562.5	324.3	368.3	101.2	33.8	50.4	4,010.0
1988-June	1,545.4	1,201.9	589.3	340.0	362.5	96.9	31.4	54.9	4,222.4
1989-June	1,571.0	1,265.3	684.9	362.7	364.5	96.7	35.0	54.2	4,434.2
<i>1990—</i>									
May	1,607.3	1,259.9	687.9	364.5	361.8	104.8	39.6	54.1	4,479.9
June	1,609.1	1,259.1	688.4	363.4	359.8	103.8	39.1	54.4	4,477.0
July	1,593.9	1,252.2	653.0	362.4	359.7	98.0	39.5	55.6	4,414.2
August	1,594.1	1,243.9	652.8	364.4	356.6	97.5	39.1	56.0	4,404.3
September	1,592.0	1,234.1	650.6	364.8	356.1	97.5	39.5	55.9	4,390.5
October	1,577.9	1,249.2	650.4	369.8	356.9	98.3	40.0	56.1	4,398.6
November	1,568.7	1,241.6	649.2	370.0	355.6	97.1	40.9	55.5	4,378.5
December	1,556.6	1,230.5	649.7	368.9	354.5	95.5	40.6	54.9	4,351.3
<i>1991—</i>									
January	1,530.0	1,203.4	634.3	379.3	359.7	100.2	39.2	54.1	4,300.2
February	1,535.3	1,196.4	636.3	380.6	353.5	98.5	39.9	53.6	4,294.1
March	1,533.4	1,185.4	637.6	380.9	352.0	97.9	39.3	53.9	4,280.4
April	1,485.6	1,161.0	633.3	366.6	364.2	97.7	40.8	56.0	4,205.3
May	1,480.9	1,157.1	630.0	365.1	365.5	96.4	41.4	56.3	4,192.7
June	1,481.8	1,156.4	630.7	361.6	361.0	95.8	41.7	55.9	4,184.9
PUBLIC									
1987-June	575.2	454.8	256.3	152.7	156.3	53.4	21.8	71.8	1,742.3
1988-June	567.1	453.1	250.5	150.3	156.8	51.9	21.4	71.1	1,723.3
1989-June	559.8	451.8	252.4	148.7	157.9	53.2	21.4	68.9	1,715.5
<i>1990—</i>									
May	557.8	453.3	261.6	152.5	160.3	51.6	22.5	70.8	1,730.9
June	558.6	455.9	262.5	152.5	162.0	51.5	22.4	71.4	1,738.2
July	561.1	450.8	263.3	151.6	161.0	51.1	22.3	71.4	1,732.8
August	555.0	450.8	264.2	151.9	162.5	51.3	22.4	71.7	1,728.9
September	557.5	452.4	265.8	152.7	161.9	49.7	22.4	71.8	1,733.9
October	558.2	448.9	266.3	153.0	161.7	50.4	22.3	71.6	1,732.3
November	557.3	452.8	266.9	153.4	162.6	50.5	22.3	71.6	1,737.1
December	558.1	452.4	266.6	153.2	158.7	50.3	22.4	72.2	1,733.1
<i>1991—</i>									
January	548.5	447.1	263.5	152.7	159.1	48.5	22.0	71.8	1,712.8
February	554.7	446.5	264.0	150.8	160.1	48.9	22.0	72.0	1,719.0
March	558.5	442.7	265.8	150.5	r 158.1	49.4	21.9	72.3	r 1,720.0
April	561.1	444.1	265.3	151.2	157.4	49.4	22.1	72.3	1,723.3
May	559.8	441.6	262.7	150.8	157.2	49.5	22.1	72.2	1,716.3
June	558.5	442.9	263.3	151.2	159.0	47.7	21.9	72.2	1,718.1
PRIVATE AND PUBLIC									
1987-June	1,995.5	1,604.1	818.8	476.9	524.6	154.6	55.5	122.2	5,752.2
1988-June	2,112.5	1,655.0	839.8	490.3	519.4	148.9	52.8	126.1	5,945.7
1989-June	2,130.9	1,717.1	937.3	511.3	522.3	149.9	56.4	123.2	6,149.7
<i>1990—</i>									
May	2,165.1	1,713.2	949.5	517.0	522.1	156.4	62.2	124.9	6,210.8
June	2,167.7	1,715.0	950.9	515.9	521.8	155.3	61.6	125.8	6,215.2
July	2,155.0	1,703.0	916.3	514.0	520.6	149.1	61.8	126.9	6,147.0
August	2,149.1	1,694.7	917.0	516.3	519.2	148.8	61.5	127.7	6,133.3
September	2,149.5	1,686.4	916.5	517.5	518.0	147.2	61.9	127.7	6,124.3
October	2,136.1	1,698.1	916.7	522.8	518.6	148.7	62.4	127.7	6,130.9
November	2,126.0	1,694.4	916.1	523.4	518.2	147.6	63.2	127.0	6,115.6
December	2,114.7	1,682.9	916.3	522.2	513.2	145.8	63.0	127.1	6,084.4
<i>1991—</i>									
January	2,078.5	1,650.5	897.8	532.0	518.9	148.6	61.2	125.9	6,012.9
February	2,089.9	1,642.8	900.3	531.4	513.6	147.5	61.9	125.6	6,013.1
March	2,091.9	1,628.1	903.4	531.4	r 510.1	147.3	61.2	126.2	r 6,000.4
April	2,046.6	1,605.2	898.6	517.8	521.6	147.1	62.9	128.3	5,928.6
May	2,040.7	1,598.7	892.7	516.0	522.6	145.9	63.5	128.5	5,909.0
June	2,040.3	1,599.3	894.0	512.9	520.0	143.5	63.6	128.1	5,903.0

TABLE 3. GROSS EARNINGS, STATES AND TERRITORIES, SECTORS  
(\$m)

Quarter	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
PRIVATE									
1987-88	31,149.5	23,957.9	10,549.8	6,080.3	7,309.7	1,751.3	624.8	957.5	82,380.7
1988-89	34,980.6	27,232.4	13,031.4	6,732.8	7,795.8	1,880.8	725.7	1,063.8	93,443.2
1989-90	39,244.1	30,297.9	14,929.9	7,608.8	8,588.2	2,181.5	870.0	1,156.9	104,877.2
1990-91	39,982.4	30,123.4	14,589.8	8,156.1	8,698.3	2,197.8	964.9	1,219.6	105,932.3
1988— December	8,934.6	7,081.1	3,234.4	1,682.2	1,978.6	481.3	177.5	273.6	23,843.3
1989— March	8,702.2	6,677.3	3,282.5	1,634.4	1,902.0	466.3	173.8	252.8	23,091.1
June	9,052.0	7,044.0	3,539.8	1,817.5	2,048.1	491.1	193.5	279.5	24,465.5
September	9,343.5	7,369.7	3,620.3	1,833.7	2,027.6	510.3	212.3	284.3	25,201.7
December	10,087.9	7,822.5	3,920.8	1,958.9	2,274.5	549.8	228.2	300.6	27,143.3
1990— March	9,574.3	7,173.5	3,563.6	1,847.2	2,122.0	555.6	208.3	278.3	25,322.7
June	10,238.3	7,932.2	3,825.1	1,969.0	2,164.1	565.8	221.2	293.7	27,209.5
September	10,099.4	7,860.3	3,655.6	1,942.9	2,118.5	527.8	241.1	304.1	26,749.7
December	10,496.8	8,114.9	3,825.0	2,085.1	2,229.5	568.6	249.1	320.0	27,889.0
1991— March	9,661.4	7,150.6	3,504.9	2,054.0	2,115.4	551.1	223.3	290.4	25,551.2
June	9,724.9	6,997.5	3,604.3	2,074.1	2,235.0	550.3	251.4	305.0	25,742.4
PUBLIC									
1987-88	14,142.2	11,296.9	5,839.2	3,629.2	3,748.7	1,233.4	597.5	1,989.7	42,476.9
1988-89	15,064.6	11,900.7	6,429.6	3,845.7	4,031.6	1,309.7	629.9	2,152.6	45,364.5
1989-90	15,718.0	12,677.6	6,767.5	4,113.3	4,363.4	1,387.5	666.4	2,191.3	47,885.0
1990-91	16,633.1	13,386.1	7,185.0	4,486.4	4,607.5	1,399.6	683.2	2,460.6	50,841.4
1988— December	3,816.4	2,985.6	1,678.9	959.9	1,003.1	341.5	155.7	512.2	11,453.3
1989— March	3,757.2	2,930.2	1,523.9	965.7	1,029.1	319.8	157.9	570.3	11,254.1
June	3,722.1	3,047.3	1,662.0	977.1	986.1	322.6	154.6	514.8	11,386.6
September	3,907.1	3,059.7	1,648.7	1,004.7	1,098.3	350.0	176.7	565.7	11,811.0
December	3,841.8	3,240.8	1,708.6	1,012.9	1,073.5	357.1	163.4	515.4	11,913.6
1990— March	4,027.3	3,113.0	1,645.0	1,041.3	1,120.7	350.1	170.0	573.5	12,041.0
June	3,941.7	3,264.0	1,765.2	1,054.4	1,070.9	330.3	156.3	536.6	12,119.4
September	4,161.4	3,309.1	1,751.9	1,135.7	1,204.1	353.1	189.1	631.6	12,736.0
December	4,187.2	3,448.7	1,881.8	1,128.6	1,138.9	374.7	166.5	590.4	12,916.7
1991— March	4,214.3	3,244.6	1,734.7	1,103.7	1,172.7	339.6	166.7	649.4	12,625.8
June	4,070.2	3,383.6	1,816.6	1,118.4	1,091.8	332.3	160.8	589.2	12,563.0
PRIVATE AND PUBLIC									
1987-88	45,291.7	35,254.8	16,389.0	9,709.4	11,058.4	2,984.7	1,222.3	2,947.2	124,857.6
1988-89	50,045.2	39,133.1	19,461.0	10,578.5	11,827.3	3,190.6	1,355.6	3,216.4	138,807.7
1989-90	54,962.1	42,975.5	21,697.4	11,722.1	12,951.7	3,569.0	1,536.4	3,348.1	152,762.2
1990-91	56,615.5	43,509.4	21,774.8	12,642.5	13,305.9	3,597.4	1,648.1	3,680.2	156,773.7
1988— December	12,751.0	10,066.7	4,913.4	2,642.1	2,981.7	822.8	333.1	785.8	35,296.6
1989— March	12,459.4	9,607.5	4,806.4	2,600.0	2,931.1	786.1	331.7	823.0	34,345.2
June	12,774.1	10,091.3	5,201.8	2,794.6	3,034.1	813.7	348.1	794.3	35,852.0
September	13,250.6	10,429.4	5,268.9	2,838.4	3,125.9	860.4	389.0	850.0	37,012.7
December	13,929.8	11,063.3	5,629.5	2,971.8	3,348.1	906.8	391.6	816.1	39,056.9
1990— March	13,601.6	10,286.5	5,208.6	2,888.5	3,242.7	905.7	378.3	851.8	37,363.7
June	14,180.0	11,196.2	5,590.4	3,023.3	3,235.0	896.1	377.5	830.3	39,328.9
September	14,260.8	11,169.4	5,407.5	3,078.6	3,322.6	880.9	430.2	935.7	39,485.7
December	14,684.0	11,563.7	5,706.8	3,213.6	3,368.4	943.3	415.6	910.4	40,805.6
1991— March	13,875.7	10,395.3	5,239.6	3,157.8	3,288.1	890.7	390.0	939.9	38,177.0
June	13,795.1	10,381.1	5,420.9	3,192.5	3,326.8	882.6	412.3	894.2	38,305.4

TABLE 4. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES

State, Territory/Sector	Number of employees ('000)						Gross earnings	
	June 1990	March 1991	April 1991	May 1991		June 1991	June Quarter 1991	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
New South Wales	2,165.0	2,099.6	2,050.6	1,127.6	922.6	2,050.2	2,038.6	13,795.1
Private	1,599.6	1,539.6	1,486.7	815.4	668.5	1,483.9	1,473.1	9,724.9
Public	565.5	560.1	563.9	312.2	254.1	566.3	565.5	4,070.2
Commonwealth	137.9	136.4	134.4	82.1	52.5	134.6	133.5	951.0
State	367.4	362.8	369.4	183.4	188.0	371.4	372.0	2,707.6
Local	60.1	60.8	60.1	46.6	13.6	60.2	60.0	411.6
Victoria	1,704.9	1,635.7	1,600.2	860.2	739.4	1,599.6	1,589.9	10,381.1
Private	1,246.9	1,193.2	1,156.2	625.1	530.5	1,155.5	1,145.0	6,997.5
Public	458.0	442.5	444.0	235.1	208.9	444.0	444.9	3,383.6
Commonwealth	93.0	103.7	103.4	63.5	39.8	103.4	102.7	757.7
State	318.4	292.4	295.0	148.1	146.3	294.4	296.1	2,386.0
Local	46.6	46.4	45.5	23.4	22.8	46.2	46.2	239.9
Queensland	951.4	905.1	897.7	499.5	398.7	898.2	894.5	5,420.9
Private	685.8	638.1	630.2	344.0	288.2	632.2	628.0	3,604.3
Public	265.6	266.9	267.4	155.5	110.5	266.0	266.4	1,816.6
Commonwealth	51.2	48.6	48.7	29.9	19.1	49.0	49.0	332.8
State	185.1	189.1	189.1	101.6	86.3	188.0	188.4	1,298.7
Local	29.3	29.2	29.6	24.0	5.1	29.1	29.0	185.0
South Australia	516.8	535.2	519.6	281.3	237.3	518.6	513.7	3,192.5
Private	363.1	384.3	367.9	199.9	167.4	367.4	361.3	2,074.1
Public	153.7	151.0	151.7	81.3	69.9	151.2	152.4	1,118.4
Commonwealth	32.4	31.4	30.8	20.6	10.2	30.8	30.8	225.7
State	112.7	111.1	112.3	54.7	57.0	111.8	112.9	840.8
Local	8.6	8.6	8.6	6.0	2.7	8.7	8.6	51.9
Western Australia	523.9	514.5	522.5	285.0	239.0	524.0	522.1	3,326.8
Private	358.6	355.5	363.4	199.8	165.6	365.4	359.9	2,235.0
Public	165.3	159.1	159.1	85.3	73.4	158.6	162.3	1,091.8
Commonwealth	25.7	25.8	25.9	15.7	9.8	25.5	25.3	174.7
State	128.6	121.9	121.9	62.0	59.6	121.6	125.7	856.4
Local	10.9	11.4	11.4	7.6	4.0	11.5	11.3	60.7
Tasmania	154.9	148.3	147.3	82.0	64.7	146.7	143.0	882.6
Private	102.9	99.2	97.8	54.4	42.1	96.5	94.9	550.3
Public	52.0	49.1	49.4	27.6	22.6	50.2	48.1	332.3
Commonwealth	9.6	9.1	9.1	6.1	3.0	9.1	9.1	65.0
State	38.3	36.0	36.5	18.7	18.7	37.3	35.2	244.9
Local	4.0	3.9	3.8	2.8	1.0	3.8	3.8	22.4
Northern Territory	63.0	59.8	62.8	37.2	27.1	64.3	65.1	412.3
Private	40.2	37.9	40.7	26.1	16.2	42.2	42.9	251.4
Public	22.8	22.0	22.1	11.2	10.9	22.1	22.2	160.8
Commonwealth	4.6	4.4	4.4	2.6	1.7	4.3	4.2	34.9
State	17.1	16.4	16.4	7.7	8.7	16.4	16.6	119.1
Local	1.1	1.1	1.4	0.9	0.5	1.4	1.4	6.9
Australian Capital Territory	125.6	126.5	128.5	66.3	62.4	128.7	127.9	894.2
Private	53.1	53.9	55.9	27.1	28.7	55.8	54.6	305.0
Public	72.5	72.6	72.6	39.2	33.7	72.9	73.3	589.2
Commonwealth	52.8	53.3	53.4	30.6	23.1	53.7	53.7	441.5
State	19.7	19.3	19.2	8.6	10.6	19.2	19.6	147.7
Australia	6,205.5	6,024.8	5,929.2	3,239.1	2,691.2	5,930.3	5,894.9	38,305.4
Private	4,450.3	4,301.6	4,198.8	2,291.8	1,907.2	4,198.9	4,159.8	25,742.4
Public	1,755.2	1,723.2	1,730.3	947.3	784.1	1,731.4	1,735.1	12,563.0
Commonwealth	407.3	412.8	410.1	251.2	159.2	410.3	408.3	2,983.2
State	1,187.3	1,149.1	1,159.8	584.9	575.2	1,160.2	1,166.5	8,601.2
Local	160.6	161.4	160.4	111.2	49.7	160.9	160.3	978.5

TABLE 5. EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED, STATES AND TERRITORIES, PERSONS

State, Territory/Sector	Number of employees ('000)				
	June 1990	March 1991	April 1991	May 1991	June 1991
New South Wales	2,167.7	2,091.9	2,046.6	2,040.7	2,040.3
Private	1,609.1	1,533.4	1,485.6	1,480.9	1,481.8
Public	558.6	558.5	561.1	559.8	558.5
Commonwealth	136.9	135.8	134.0	133.6	132.5
State	361.5	361.8	366.4	365.9	365.9
Local	60.2	60.9	60.7	60.3	60.1
Victoria	1,715.0	1,628.1	1,605.2	1,598.7	1,599.3
Private	1,259.1	1,185.4	1,161.0	1,157.1	1,156.4
Public	455.9	442.7	444.1	441.6	442.9
Commonwealth	92.8	102.3	103.6	103.3	102.4
State	317.0	294.2	294.9	292.3	294.8
Local	46.2	46.2	45.6	46.0	45.7
Queensland	950.9	903.4	898.6	892.7	894.0
Private	688.4	637.6	633.3	630.0	630.7
Public	262.5	265.8	265.3	262.7	263.3
Commonwealth	50.6	48.7	48.4	48.4	48.4
State	182.9	187.8	187.4	185.4	186.2
Local	29.0	29.3	29.5	28.9	28.8
South Australia	515.9	531.4	517.8	516.0	512.9
Private	363.4	380.9	366.6	365.1	361.6
Public	152.5	150.5	151.2	150.8	151.2
Commonwealth	32.4	31.2	30.8	30.5	30.8
State	111.6	110.8	111.7	111.6	111.8
Local	8.6	8.5	8.6	8.7	8.7
Western Australia	521.8	510.1	521.6	522.6	520.0
Private	359.8	352.0	364.2	365.5	361.0
Public	162.0	158.1	157.4	157.2	159.0
Commonwealth	25.6	25.8	26.0	25.4	25.1
State	125.5	121.0	120.1	120.2	122.5
Local	11.0	11.3	11.4	11.6	11.4
Tasmania	155.3	147.3	147.1	145.9	143.5
Private	103.8	97.9	97.7	96.4	95.8
Public	51.5	49.4	49.4	49.5	47.7
State	37.8	36.4	36.4	36.5	34.7
Northern Territory	61.6	61.2	62.9	63.5	63.6
Private	39.1	39.3	40.8	41.4	41.7
Public	22.4	21.9	22.1	22.1	21.9
Australian Capital Territory	125.8	126.2	128.3	128.5	128.1
Private	54.4	53.9	56.0	56.3	55.9
Public	71.4	72.3	72.3	72.2	72.2
Australia	6,215.2	6,000.4	5,928.6	5,909.0	5,903.0
Private	4,477.0	4,280.4	4,205.3	4,192.7	4,184.9
Public	1,738.2	1,720.0	1,723.3	1,716.3	1,718.1
Commonwealth	405.0	410.9	409.5	408.0	405.9
State	1,172.9	1,147.8	1,152.5	1,147.6	1,152.1
Local	160.3	161.3	161.3	160.7	160.0

TABLE 6. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES, PUBLIC INSTITUTIONAL SECTOR

State, Territory/Sector	Public Trading Enterprises		Financial Enterprises		General Government Enterprises		Total Public	
	May 1991	June Quarter 1991	May 1991	June Quarter 1991	May 1991	June Quarter 1991	May 1991	June Quarter 1991
	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)
New South Wales								
Total Public	134.9	1,092.5	30.8	166.6	400.7	2,812.5	566.3	4,070.2
Commonwealth	62.4	483.1	19.5	79.3	52.9	390.0	134.6	951.0
State	57.7	498.0	11.3	87.3	302.4	2,122.4	371.4	2,707.6
Local	14.9	111.4	—	—	45.4	300.2	60.2	411.6
Victoria								
Total Public	108.3	935.8	19.1	105.3	317.4	2,347.9	444.0	3,383.6
Commonwealth	46.6	377.2	18.0	96.6	38.4	281.0	103.4	757.7
State	60.4	548.0	1.1	8.7	234.1	1,837.6	294.4	2,386.0
Local	1.4	10.6	—	—	44.9	229.3	46.2	239.9
Queensland								
Total Public	43.7	310.1	8.1	38.0	213.7	1,461.6	266.0	1,816.6
Commonwealth	22.4	156.1	6.0	20.6	20.6	151.6	49.0	332.8
State	15.5	114.8	2.1	17.4	169.8	1,164.0	188.0	1,298.7
Local	5.8	39.1	—	—	23.3	145.9	29.1	185.0
South Australia								
Total Public	28.6	236.0	7.5	51.8	115.1	830.6	151.2	1,118.4
Commonwealth	14.9	116.9	2.3	8.5	13.6	100.3	30.8	225.7
State	13.6	118.3	5.2	43.3	92.9	679.1	111.8	840.8
Local	0.1	0.7	—	—	8.6	51.2	8.7	51.9
Western Australia								
Total Public	31.1	237.7	7.6	39.2	121.1	824.9	158.6	1,091.8
Commonwealth	11.0	80.4	3.1	10.2	11.5	84.1	25.5	174.7
State	20.1	157.3	4.6	29.0	98.1	680.1	121.6	856.4
Local	—	—	—	—	11.5	60.7	11.5	60.7
Tasmania								
Total Public	8.5	66.5	1.4	7.4	40.3	258.4	50.2	332.3
Commonwealth	3.4	25.5	0.7	2.4	5.0	37.0	9.1	65.0
State	4.8	38.5	0.7	5.0	31.9	201.3	37.3	244.9
Local	0.3	2.4	—	—	3.5	20.0	3.8	22.4
Northern Territory								
Total Public	2.5	21.0	0.4	2.3	19.1	137.6	22.1	160.8
Commonwealth	1.4	11.1	0.2	0.9	2.7	22.9	4.3	34.9
State	1.2	9.8	0.2	1.4	15.0	107.8	16.4	119.1
Local	—	—	—	—	1.4	6.9	1.4	6.9
Australian Capital Territory								
Total Public	5.1	38.0	0.9	4.9	66.7	544.6	72.9	589.2
Commonwealth	2.5	18.1	0.7	3.5	50.3	418.1	53.7	441.5
State	2.6	19.9	0.2	1.3	16.4	126.4	19.2	147.7
Australia								
Total Public	362.8	2,937.5	75.9	415.5	1,294.0	9,218.2	1,731.4	12,563.0
Commonwealth	164.6	1,268.5	50.5	222.0	194.8	1,485.1	410.3	2,983.2
State	175.8	1,504.7	25.4	193.6	960.7	6,918.8	1,160.2	8,601.2
Local	22.4	164.3	—	—	138.5	814.3	160.9	978.5

TABLE 7. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA,  
PUBLIC INSTITUTIONAL SECTOR, MAY 1991  
PERSONS ('000)

Industry	Public Trading Enterprises	Financial Enterprises	General Government Enterprises	Total Public
Agriculture, forestry, fishing and hunting	0.1	—	7.1	7.2
Mining	5.3	—	0.4	5.7
Manufacturing	17.2	0.3	11.7	29.2
Electricity, gas and water	95.9	—	12.8	108.6
Construction	5.8	—	42.1	48.1
Wholesale and retail trade	3.0	0.1	1.3	4.4
Transport and storage	96.1	—	31.5	127.6
Communication	125.0	—	—	125.0
Finance, property and business services	3.3	74.7	30.4	108.4
Public administration and defence(a)	1.0	0.8	315.8	317.9
Community services	0.8	—	826.7	825.7
Recreation, personal and other services	9.4	—	14.2	23.6
Total all industries	362.8	75.9	1,294.0	1,731.4

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc.

TABLE 8. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA,  
PUBLIC INSTITUTIONAL SECTOR, JUNE QUARTER 1991  
GROSS EARNINGS (\$m)

Industry	Public Trading Enterprises	Financial Enterprises	General Government Enterprises	Total Public
Agriculture, forestry, fishing and hunting	0.5	—	52.0	52.5
Mining	70.6	—	3.2	73.8
Manufacturing	129.5	3.3	89.8	222.5
Electricity, gas and water	842.6	—	95.8	938.4
Construction	47.4	—	307.7	356.8
Wholesale and retail trade	21.5	0.4	7.5	29.3
Transport and storage	795.7	—	268.0	1,068.2
Communication	944.0	—	—	944.0
Finance, property and business services	28.4	405.2	192.8	626.5
Public administration and defence(a)	8.2	6.7	2,169.9	2,186.2
Community services	5.1	—	5,913.0	5,902.3
Recreation, personal and other services	44.1	—	118.5	162.5
Total all industries	2,937.5	415.5	9,218.2	12,563.0

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc.

TABLE 9. EMPLOYED WAGE AND SALARY EARNERS — FULL-TIME AND PART-TIME(a) — MAY 1991

	Number of employees ('000)					
	Full-time			Part-time		
	Males	Females	Persons	Males	Females	Persons
AUSTRALIA BY INDUSTRY						
Mining	72.7	6.5	79.2	0.8	0.9	1.8
Manufacturing	646.4	204.7	851.1	27.5	56.9	84.5
Electricity, gas and water	96.8	11.8	108.7	1.2	*2.1	3.3
Construction	229.3	34.1	263.4	11.7	16.1	27.9
Wholesale trade	228.0	86.2	314.2	20.2	35.4	55.6
Retail trade	267.5	177.2	444.7	107.3	274.7	381.9
Transport and storage	205.7	50.2	255.9	20.7	13.7	34.3
Communication	91.0	28.9	119.9	1.4	5.2	6.6
Finance, property and business services	301.2	278.5	579.8	48.2	127.3	175.5
Public administration and defence(b)	180.4	98.6	279.0	7.7	31.2	38.9
Community services	390.5	499.2	889.7	76.5	387.4	463.9
Recreation, personal and other services(c)	113.8	92.1	205.9	86.7	170.8	257.5
<b>Total all industries(d)</b>	<b>2,829.0</b>	<b>1,569.2</b>	<b>4,398.2</b>	<b>410.1</b>	<b>1,122.0</b>	<b>1,532.1</b>
Private	1,942.3	1,011.7	2,954.0	349.5	895.4	1,244.9
Public	886.7	557.5	1,444.2	60.6	226.6	287.2
STATES AND TERRITORIES						
New South Wales	981.3	559.9	1,541.2	146.3	362.7	508.9
Victoria	751.5	430.1	1,181.6	108.7	309.3	417.9
Queensland	438.8	234.6	673.3	60.8	164.1	224.9
South Australia	242.1	117.2	359.3	39.2	120.1	159.3
Western Australia	252.3	134.4	386.7	32.7	104.6	137.3
Tasmania	73.2	33.8	107.0	8.8	30.9	39.7
Northern Territory	32.1	18.5	50.6	5.2	8.5	13.7
Australian Capital Territory	57.8	40.7	98.4	8.5	21.8	30.3

(a) See Explanatory Notes, paragraph 20. (b) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (c) Excludes private households employing staff. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA — SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings \$m
	June 1990	March 1991	April 1991	May 1991		June 1991	
	Persons	Persons	Persons	Males	Females	Persons	
PRIVATE							
Mining	77.0	74.7	75.6	68.2	7.2	75.4	75.0
Manufacturing	1,011.0	959.3	913.7	649.7	256.6	906.3	895.0
Electricity, gas and water	2.3	3.3	3.4	2.6	0.7	3.4	3.4
Construction	260.4	246.3	242.3	203.1	40.0	243.1	238.1
Wholesale and retail trade	1,259.5	1,209.5	1,191.5	620.1	572.0	1,192.1	1,181.1
Transport and storage	170.5	174.7	161.9	115.1	47.5	162.7	161.3
Road transport	90.2	90.8	86.4	66.9	20.0	86.9	85.6
Other transport and storage	80.4	83.8	75.4	48.2	27.5	75.7	75.7
Finance, property and business services	707.5	659.6	646.7	303.3	343.5	646.8	642.2
Banking	100.3	95.8	95.4	39.8	55.4	95.2	95.0
Non-bank finance and investment	97.1	78.7	77.9	32.5	45.3	77.7	77.7
Insurance and services to insurance	73.5	68.1	66.1	28.9	36.9	65.9	65.5
Property and business services	436.7	416.9	407.4	202.1	205.9	408.0	404.1
Community services	514.1	528.6	523.1	139.9	388.0	527.9	525.4
Health	240.6	243.2	242.5	40.2	203.4	243.7	243.7
Education, museum and library services	116.5	127.1	121.8	36.2	87.3	123.5	124.1
Welfare and religious institutions	89.5	93.6	91.2	25.8	66.3	92.0	91.7
Other community services	67.4	64.8	67.7	37.7	31.0	68.7	65.9
Recreation, personal and other services(a)	446.5	444.9	439.2	189.0	250.8	439.8	436.9
Entertainment and recreational services	96.4	100.5	97.7	48.3	48.9	97.2	94.5
Restaurants, hotels; personal services	350.1	344.4	341.5	140.6	201.9	342.6	342.4
<b>Total all industries(b)</b>	<b>4,450.3</b>	<b>4,301.6</b>	<b>4,198.8</b>	<b>2,291.8</b>	<b>1,907.2</b>	<b>4,198.9</b>	<b>4,159.8</b>
COMMONWEALTH GOVERNMENT							
Manufacturing	19.1	18.8	18.2	15.0	3.1	18.0	17.8
Electricity, gas and water	0.9	0.8	0.8	0.6	0.2	0.8	0.8
Construction	4.3	4.1	4.8	4.1	0.7	4.8	4.7
Wholesale and retail trade	1.0	1.0	1.1	0.6	0.4	1.1	1.1
Transport and storage	39.5	37.0	35.2	26.2	8.8	35.0	34.9
Communication	128.6	125.9	125.2	91.6	33.3	125.0	124.0
Finance, property and business services	49.2	60.7	60.2	24.8	35.0	59.9	59.7
Public administration and defence(c)	108.5	113.3	112.7	59.4	54.1	113.4	113.8
Community services	45.7	42.4	42.9	23.6	19.8	43.4	42.7
Recreation, personal and other services(a)	10.5	8.7	8.9	5.0	3.8	8.8	8.8
<b>Total all industries(d)</b>	<b>407.3</b>	<b>412.8</b>	<b>410.1</b>	<b>251.2</b>	<b>159.2</b>	<b>410.3</b>	<b>408.3</b>

See footnotes at end of table.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA — SECTOR AND INDUSTRY—continued

Industry		Number of employees ('000)						Gross earnings	
		June 1990	March 1991	April 1991	May 1991		June 1991	June Quarter 1991	
		Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
STATE GOVERNMENT									
Agriculture, forestry, fishing and hunting		7.5	7.2	7.1	5.7	1.3	7.0	7.1	51.7
Mining		6.1	5.8	5.8	5.4	0.3	5.7	5.5	73.8
Manufacturing		14.7	11.7	10.5	8.5	1.9	10.5	10.3	73.1
Electricity, gas and water		89.4	86.5	85.5	74.1	11.1	85.2	84.8	761.6
Construction		39.6	43.5	43.4	33.7	9.5	43.3	41.7	319.6
Wholesale and retail trade		2.6	2.5	2.5	1.7	0.8	2.5	2.5	16.1
Transport and storage		91.6	90.0	90.3	82.7	7.1	89.8	89.2	738.5
Finance, property and business services		68.4	48.7	48.5	21.3	27.3	48.6	48.4	337.0
Public administration and defence(c)		75.1	70.8	72.2	42.6	29.9	72.6	73.1	594.7
Community services		777.8	768.0	780.0	303.0	477.8	780.8	789.8	5,564.3
Recreation, personal and other services		14.5	14.5	14.1	6.1	8.2	14.3	14.1	70.8
Total all industries		1,187.3	1,149.1	1,159.8	584.9	575.2	1,160.2	1,166.5	8,601.2
LOCAL GOVERNMENT									
Electricity, gas and water		22.7	23.0	22.7	20.7	2.0	22.7	22.6	171.0
Public administration and defence(c)		132.7	132.6	131.3	86.1	45.8	131.9	131.5	772.8
Other industries		5.2	5.8	6.3	4.4	1.9	6.3	6.2	34.7
Total all industries		160.6	161.4	160.4	111.2	49.7	160.9	160.3	978.5

See footnotes at end of table.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA — SECTOR AND INDUSTRY—continued

Industry	Number of employees ('000)						Gross earnings	
	June 1990	March 1991	April 1991	May 1991		June 1991	June Quarter 1991	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
TOTAL PUBLIC								
Agriculture, forestry, fishing and hunting	7.6	7.3	7.2	5.9	1.3	7.2	7.3	52.5
Mining	6.1	5.8	5.8	5.4	0.3	5.7	5.5	73.8
Manufacturing	34.6	31.2	29.4	24.1	5.1	29.2	28.7	222.5
Electricity, gas and water	113.0	110.2	109.0	95.4	13.2	108.6	108.2	938.4
Construction	43.9	47.6	48.2	37.9	10.2	48.1	46.4	356.8
Wholesale and retail trade	4.0	3.8	4.4	2.9	1.5	4.4	4.4	29.3
Transport and storage	132.9	130.0	128.2	111.2	16.4	127.6	126.8	1,068.2
Road transport	20.6	14.9	14.8	13.2	1.5	14.7	14.7	120.9
Other transport and storage	112.3	115.1	113.4	98.0	14.9	112.8	112.0	947.2
Communication	128.6	125.9	125.2	91.6	33.3	125.0	124.0	944.0
Finance, property and business services	117.9	109.5	108.7	46.1	62.3	108.4	108.1	626.5
Banking	66.6	65.3	65.2	27.2	37.8	65.0	64.8	327.4
Non-bank finance and investment	2.9	2.6	2.7	1.4	1.3	2.6	2.6	23.3
Insurance and services to insurance	15.9	16.3	16.3	6.4	9.9	16.3	16.3	117.5
Property and business services	32.6	25.3	24.6	11.1	13.4	24.5	24.4	158.2
Public administration and defence(c)	316.3	316.7	316.3	188.1	129.8	317.9	318.4	2,186.2
Community services	825.0	811.6	824.4	327.1	498.6	825.7	834.0	5,902.3
Health	300.8	294.2	297.5	79.3	218.3	297.6	298.7	2,116.0
Education, museum and library services	396.1	382.2	390.2	154.9	235.5	390.4	397.3	2,772.1
Welfare and religious institutions	18.7	22.3	26.5	8.8	18.4	27.2	27.2	166.9
Other community services	109.4	112.9	110.2	84.1	26.4	110.5	110.9	847.3
Recreation, personal and other services	25.3	23.5	23.5	11.5	12.1	23.6	23.3	162.5
<b>Total all industries</b>	<b>1,755.2</b>	<b>1,723.2</b>	<b>1,730.3</b>	<b>947.3</b>	<b>784.1</b>	<b>1,731.4</b>	<b>1,735.1</b>	<b>12,563.0</b>
PRIVATE AND PUBLIC								
Mining	83.0	80.4	81.4	73.6	7.5	81.0	80.5	1,020.0
Coal	31.2	29.0	29.7	28.6	0.9	29.4	29.3	437.6
Other mining	51.8	51.5	51.7	45.0	6.6	51.6	51.2	582.3
Manufacturing	1,045.6	990.4	943.1	673.9	261.7	935.5	923.7	6,749.9
Food, beverages and tobacco	171.0	175.5	168.4	112.5	53.3	165.7	161.8	1,137.2
Textiles	32.0	26.8	27.2	15.7	11.4	27.1	27.0	179.0
Clothing	53.7	51.0	47.3	11.1	35.9	46.9	46.9	245.2
Footwear	8.7	8.1	7.6	2.9	4.2	7.1	7.0	43.7
Wood and wood products	43.8	44.7	40.0	34.1	5.8	39.9	39.2	243.4
Furniture and mattresses	30.2	25.5	26.6	20.9	5.8	26.7	26.5	147.4
Paper and paper products	21.9	18.3	17.9	14.4	3.2	17.6	17.5	160.0
Printing and allied industries	89.5	86.3	84.2	49.9	33.7	83.6	83.2	585.1
Chemicals	54.2	51.7	48.6	31.9	16.3	48.2	47.8	431.4
Petroleum and coal products	5.5	7.2	7.5	6.5	0.9	7.5	7.5	98.6
Non-metallic mineral products	45.4	40.9	38.0	33.0	4.5	37.4	37.3	299.7
Basic iron and steel	41.5	41.5	42.2	38.2	3.7	41.8	41.6	364.8
Other basic metal products	27.9	26.6	25.9	23.0	2.7	25.7	25.5	240.2
Fabricated metal products	105.8	94.3	90.2	73.0	16.4	89.4	88.0	602.3
Motor vehicles and parts	72.9	65.5	61.1	49.4	10.8	60.2	58.9	416.4
Other transport equipment	35.4	31.8	28.4	25.7	2.5	28.1	27.8	228.2
Other machinery and equipment	133.8	130.8	124.6	92.2	32.0	124.2	123.4	917.0
Miscellaneous manufacturing	72.3	63.8	57.4	39.6	18.8	58.4	56.8	410.4

See footnotes at end of table.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA — SECTOR AND INDUSTRY—*continued*

Industry	Number of employees ('000)						Gross earnings	
	June 1990	March 1991	April 1991	May 1991		June 1991	June Quarter 1991	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC— <i>continued</i>								
Electricity, gas and water	115.3	113.5	112.4	98.1	14.0	112.0	111.6	968.1
Electricity and gas	76.5	74.8	74.5	65.2	9.1	74.3	73.9	648.3
Water, sewerage and drainage	38.7	38.7	37.9	32.9	4.9	37.7	37.7	319.8
Construction	304.3	293.9	290.5	241.0	50.2	291.3	284.5	2,187.5
Wholesale and retail trade	1,263.6	1,213.3	1,195.9	623.0	573.5	1,196.5	1,185.5	5,976.5
Wholesale trade	404.8	386.6	371.9	248.2	121.7	369.8	365.6	2,630.5
Retail trade	858.8	826.7	824.0	374.8	451.8	826.6	819.9	3,346.1
Motor vehicles, petrol, tyres	208.1	190.8	183.2	143.2	40.7	183.8	181.6	992.9
Other retail trade	650.7	635.8	640.8	231.6	411.1	642.8	638.3	2,353.2
Transport and storage	303.5	304.7	290.1	226.3	63.9	290.2	288.1	2,208.6
Road transport	110.8	105.7	101.2	80.1	21.6	101.7	100.3	670.6
Rail transport	71.6	75.7	76.2	70.5	5.3	75.8	75.2	609.0
Water transport	7.4	9.5	*9.3	7.3	*1.9	*9.2	*9.2	76.7
Air transport	36.2	31.7	32.1	20.8	11.2	32.1	32.0	294.9
Other transport and storage	77.5	82.1	71.3	47.6	23.9	71.5	71.4	557.3
Communication	130.1	126.8	126.6	92.4	34.1	126.5	125.5	953.4
Finance, property and business services	825.4	769.1	755.4	349.4	405.8	755.3	750.3	5,279.7
Banking	166.8	161.1	160.6	67.0	93.2	160.2	159.7	1,053.5
Non-bank finance	36.8	34.0	32.8	13.0	19.7	32.7	32.7	259.4
Investment; services to finance and investment	63.2	47.3	47.7	20.9	26.8	47.7	47.6	401.4
Insurance and services to insurance	89.3	84.3	82.4	35.3	46.8	82.2	81.7	628.0
Property and business services	469.2	442.2	431.9	213.2	219.3	432.5	428.5	2,937.3
Public administration and defence(c)	316.3	316.7	316.3	188.1	129.8	317.9	318.4	2,186.2
Commonwealth government admin.	84.0	87.6	86.0	42.4	44.3	86.7	87.2	640.9
State government admin.	68.9	66.1	66.9	39.7	27.4	67.1	67.7	539.4
Local government admin.	133.2	132.8	131.6	86.3	45.9	132.2	131.7	774.1
Other public admin. and defence(c)	30.2	30.2	31.8	19.7	12.3	31.9	31.8	231.8
Community services	1,339.0	1,340.3	1,347.5	467.0	886.6	1,353.6	1,359.4	8,820.9
Health	541.4	537.4	540.0	119.5	421.7	541.2	542.4	3,487.6
Education, museum and library services	512.6	509.3	512.1	191.1	322.8	513.9	521.3	3,490.0
Welfare and religious institutions	108.2	115.9	117.6	34.6	84.6	119.2	118.9	541.9
Other community services	176.8	177.7	177.9	121.8	57.5	179.2	176.8	1,301.5
Recreation, personal and other services(a)	471.8	468.4	462.7	200.5	262.9	463.4	460.2	1,902.1
Entertainment and recreational services	117.2	119.9	117.0	58.0	58.6	116.7	113.7	588.9
Restaurants, hotels; personal services	354.6	348.5	345.7	142.5	204.2	346.7	346.5	1,313.1
<b>Total all industries(d)</b>	<b>6,205.5</b>	<b>6,024.8</b>	<b>5,929.2</b>	<b>3,239.1</b>	<b>2,691.2</b>	<b>5,930.3</b>	<b>5,894.9</b>	<b>38,305.4</b>

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 11. EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED, AUSTRALIA

Industry	Number of employees ('000)				
	June 1990	March 1991	April 1991	May 1991	June 1991
Mining	83.3	80.2	81.4	81.1	80.8
Manufacturing	1,052.0	978.6	945.5	934.4	929.3
Construction	303.4	293.3	287.3	288.3	283.6
Wholesale and retail trade	1,268.9	1,212.7	1,200.6	1,198.0	1,190.4
Transport and storage	305.1	304.9	290.8	289.6	289.7
Communication	129.9	126.5	125.8	125.9	125.3
Finance, property and business services	827.6	761.0	756.7	753.6	752.4
Public administration and defence(a)	313.8	315.1	316.6	315.2	315.9
Community services	1,317.1	1,338.6	1,338.8	1,334.7	1,337.0
Recreation, personal and other services	475.9	463.1	459.6	459.6	464.3
<b>Total all industries(b)(c)</b>	<b>6,215.2</b>	<b>6,000.4</b>	<b>5,928.6</b>	<b>5,909.0</b>	<b>5,903.0</b>

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc. (b) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting. (c) Derived indirectly by the addition of seasonally adjusted private and public sector estimates, not by the summation of the component industries because not all industries are seasonally adjusted.

TABLE 12. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES — SECTOR AND INDUSTRY

Industry		Number of employees ('000)						Gross earnings	
		June 1990	March 1991	April 1991	May 1991		June 1991	June Quarter 1991	
		Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE									
Manufacturing		340.5	323.1	309.9	221.0	88.5	309.5	307.2	2,331.4
Electricity, gas and water; Construction		83.9	79.0	78.7	65.8	12.3	78.2	76.8	615.4
Wholesale and retail trade		438.8	423.4	408.1	217.0	189.1	406.1	403.6	2,222.2
Transport and storage		59.7	61.0	60.4	40.8	19.3	60.1	59.9	448.7
Finance, property and business services		294.4	275.4	268.8	128.9	140.1	269.0	265.9	2,095.1
Banking		40.1	37.6	37.7	15.7	21.9	37.5	37.3	312.4
Non-bank finance, investment and insurance		77.8	69.0	67.6	28.9	38.6	67.4	67.6	592.6
Property and business services		176.4	168.9	163.4	84.4	79.7	164.1	161.0	1,190.2
Community services		174.8	177.4	171.8	45.8	127.0	172.8	172.4	1,008.8
Health		78.7	80.3	78.0	13.6	64.1	77.7	77.6	453.1
Education, museum and library services		42.2	47.0	43.6	11.3	33.6	44.9	45.1	270.8
Welfare and other community services		53.9	50.1	50.2	20.9	29.3	50.2	49.7	284.9
Recreation, personal and other services(a)		184.6	179.4	167.6	76.3	90.6	167.0	166.0	716.2
<b>Total all industries(b)(e)</b>		<b>1,599.6</b>	<b>1,539.6</b>	<b>1,486.7</b>	<b>815.4</b>	<b>668.5</b>	<b>1,483.9</b>	<b>1,473.1</b>	<b>9,724.9</b>
PUBLIC									
Manufacturing		12.3	11.4	11.0	9.6	1.2	10.8	10.8	85.1
Electricity, gas and water; Construction		52.5	52.5	52.0	44.0	7.9	51.9	51.7	420.9
Wholesale and retail trade		0.7	0.6	1.2	0.8	0.4	1.2	1.2	8.0
Transport and storage		52.1	49.8	48.7	40.4	7.9	48.3	47.8	401.6
Communication		45.3	44.3	44.0	31.8	12.2	44.0	43.5	324.7
Finance, property and business services		48.1	47.4	46.3	18.1	28.1	46.1	45.9	248.0
Banking		26.2	26.6	26.2	10.9	15.0	26.0	25.9	128.6
Non-bank finance, investment and insurance		5.8	5.9	5.9	2.2	3.6	5.9	5.8	42.6
Property and business services		16.1	14.9	14.3	4.9	9.4	14.3	14.2	76.8
Public administration and defence(c)		84.1	85.7	85.6	53.6	32.5	86.1	86.3	588.9
Community services		255.3	254.2	260.5	104.1	159.1	263.2	263.8	1,862.8
Health		90.5	92.8	96.5	24.9	72.4	97.3	98.0	703.8
Education, museum and library services		118.5	116.1	118.2	49.1	70.3	119.4	119.3	849.2
Welfare and other community services		46.3	45.3	45.8	30.0	16.4	46.5	46.6	309.7
Recreation, personal and other services		9.3	8.5	9.0	4.7	4.2	9.0	8.9	67.6
<b>Total all industries(d)(e)</b>		<b>565.5</b>	<b>560.1</b>	<b>563.9</b>	<b>312.2</b>	<b>254.1</b>	<b>566.3</b>	<b>565.5</b>	<b>4,070.2</b>

See footnotes at end of table.

TABLE 12. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES — SECTOR AND INDUSTRY—continued

Industry	Number of employees ('000)						Gross earnings	
	June 1990	March 1991	April 1991	May 1991		June 1991	June Quarter 1991	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	25.4	23.4	23.7	22.3	1.1	23.4	23.5	327.3
Manufacturing	352.8	334.5	320.8	230.6	89.8	320.3	318.0	2,416.4
Food, beverages and tobacco	53.3	55.6	51.5	34.4	17.3	51.7	50.4	391.1
Textiles; clothing and footwear	27.3	24.6	24.0	8.7	15.0	23.7	23.8	141.9
Wood and wood products	15.2	15.2	12.5	10.9	1.6	12.5	12.4	77.5
Furniture and mattresses	8.9	7.9	7.6	6.0	1.7	7.6	7.7	45.2
Paper, paper products, printing and publishing	40.7	34.9	35.9	21.6	14.2	35.8	35.9	269.8
Chemical, petroleum and coal products	26.0	26.1	24.3	15.4	8.8	24.2	24.2	218.8
Non-metallic mineral products	13.5	12.5	12.0	10.1	1.6	11.8	12.1	98.4
Basic metal products	32.2	31.9	32.0	29.1	2.7	31.8	31.7	292.2
Fabricated metal products	34.1	31.0	30.3	25.0	5.1	30.1	29.9	213.3
Motor vehicles and parts	8.2	7.4	7.0	5.9	1.1	7.0	6.8	43.2
Other transport equipment	13.2	12.6	12.0	11.0	0.9	11.9	11.6	95.5
Other machinery and equipment	54.8	53.9	52.1	38.8	13.4	52.2	51.9	396.3
Miscellaneous manufacturing	25.3	21.0	19.6	13.4	6.5	19.9	19.7	133.1
Electricity, gas and water	38.4	40.0	39.5	34.3	5.2	39.5	39.5	329.0
Construction	98.0	91.6	91.1	75.6	15.0	90.6	89.0	707.3
Wholesale and retail trade	439.4	424.0	409.3	217.8	189.5	407.3	404.7	2,230.2
Wholesale trade	145.7	141.6	138.2	89.8	46.3	136.1	136.0	1,056.3
Retail trade	293.7	282.4	271.0	128.1	143.2	271.2	268.7	1,174.0
Motor vehicles, petrol, tyres	76.7	69.3	64.1	49.8	14.5	64.3	63.6	353.1
Other retail trade	217.0	213.1	207.0	78.3	128.7	206.9	205.1	820.8
Transport and storage	111.8	110.8	109.0	81.2	27.2	108.4	107.7	850.3
Road transport	33.7	32.9	32.3	25.9	6.0	31.9	31.6	243.2
Other transport and storage	78.1	77.9	76.7	55.3	21.2	76.5	76.2	607.1
Communication	45.7	44.7	44.5	32.1	12.5	44.5	44.1	327.5
Finance, property and business services	342.4	322.8	315.2	147.0	168.2	315.2	311.8	2,343.2
Banking	66.3	64.2	63.9	26.6	36.9	63.5	63.2	441.0
Non-bank finance and investment	42.7	43.4	42.1	17.8	24.3	42.1	42.3	377.3
Insurance and services to insurance	40.9	31.5	31.4	13.3	17.9	31.2	31.1	257.8
Property and business services	192.5	183.8	177.7	89.3	89.1	178.4	175.2	1,267.0
Public administration and defence(c)	84.1	85.7	85.6	53.6	32.5	86.1	86.3	588.9
Commonwealth government admin.	17.8	18.9	19.1	8.6	10.7	19.3	19.4	133.0
State government admin.	17.1	16.7	17.5	9.8	7.8	17.6	17.9	136.6
Local government admin.	41.6	41.4	40.6	29.4	11.4	40.7	40.7	267.0
Other public admin. and defence(c)	7.6	8.7	8.5	5.8	2.6	8.4	8.3	52.4
Community services	430.1	431.5	432.3	149.8	286.2	436.0	436.2	2,871.6
Health	169.2	173.2	174.4	38.5	136.5	175.0	175.6	1,157.0
Education, museum and library services	160.7	163.0	161.8	60.4	103.9	164.3	164.3	1,120.0
Welfare and other community services	100.2	95.4	96.0	50.9	45.8	96.7	96.3	594.6
Recreation, personal and other services(a)	194.0	187.9	176.6	81.0	94.9	175.9	175.0	783.8
Entertainment and recreational services	52.4	52.5	51.0	23.7	26.8	50.5	49.7	257.1
Restaurants, hotels; personal services	141.6	135.4	125.6	57.3	68.1	125.5	125.2	526.8
<b>Total all industries(d)</b>	<b>2,165.0</b>	<b>2,099.6</b>	<b>2,050.6</b>	<b>1,127.6</b>	<b>922.6</b>	<b>2,050.2</b>	<b>2,038.6</b>	<b>13,795.1</b>

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

(e) Includes employees classified to Mining.

TABLE 13. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA — SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	June 1990	March 1991	April 1991	May 1991		June 1991	June Quarter 1991	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	6.0	5.3	5.6	4.8	0.7	5.5	5.5	71.0
Manufacturing	350.7	328.9	302.5	206.3	92.6	298.9	294.8	2,152.6
Electricity, gas and water; Construction	79.6	71.0	66.9	54.4	12.7	67.1	65.4	460.4
Wholesale and retail trade	335.1	316.8	312.8	160.0	153.2	313.2	309.7	1,543.3
Transport and storage	41.1	42.2	37.0	26.8	10.2	37.0	36.4	255.9
Finance, property and business services	198.4	185.0	180.3	88.1	92.9	181.0	179.9	1,330.0
Banking	28.7	28.7	28.4	12.8	15.6	28.5	28.4	220.6
Non-bank finance, investment and insurance	51.1	39.8	39.7	17.4	22.2	39.6	39.3	308.6
Property and business services	118.6	116.5	112.2	57.8	55.2	113.0	112.2	800.8
Community services	139.2	146.0	149.2	39.4	111.8	151.1	150.0	821.1
Health	57.6	60.1	61.2	9.9	52.3	62.2	61.9	346.2
Education, museum and library services	36.9	40.0	40.5	11.4	29.2	40.6	40.8	232.8
Welfare and other community services	44.6	45.8	47.5	18.0	30.2	48.3	47.3	242.1
Recreation, personal and other services(a)	96.9	97.9	101.8	45.2	56.4	101.6	103.3	362.3
<b>Total all industries(b)</b>	<b>1,246.9</b>	<b>1,193.2</b>	<b>1,156.2</b>	<b>625.1</b>	<b>530.5</b>	<b>1,155.5</b>	<b>1,145.0</b>	<b>6,997.5</b>
PUBLIC								
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	0.5
Mining	2.0	2.0	1.9	1.8	—	1.9	1.9	18.9
Manufacturing	8.9	6.5	6.4	4.7	1.6	6.3	6.0	53.4
Electricity, gas and water; Construction	42.1	41.6	40.9	34.7	6.1	40.7	40.5	379.7
Wholesale and retail trade	0.8	0.9	0.8	0.4	0.4	0.8	0.8	6.4
Transport and storage	29.6	30.8	30.0	26.1	3.7	29.8	29.6	266.7
Communication	37.5	37.6	37.3	26.9	10.3	37.2	37.0	294.6
Finance, property and business services	27.3	23.1	23.1	9.5	13.4	23.0	22.9	133.5
Banking	18.9	17.7	17.7	7.2	10.4	17.7	17.6	92.9
Non-bank finance, investment and insurance	3.3	3.4	3.4	1.1	2.2	3.3	3.3	23.9
Property and business services	5.2	2.1	2.0	1.2	0.8	2.0	2.0	16.7
Public administration and defence(c)	85.7	83.6	83.3	45.0	39.1	84.1	84.1	545.2
Community services	218.3	211.7	215.8	84.0	131.7	215.8	217.7	1,657.0
Health	90.2	81.3	80.7	20.9	60.3	81.2	80.5	578.9
Education, museum and library services	101.2	95.7	100.0	40.8	58.6	99.3	102.2	776.3
Welfare and other community services	26.9	34.7	35.0	22.4	12.9	35.2	35.0	301.8
Recreation, personal and other services	5.8	4.8	4.5	1.8	2.5	4.4	4.3	27.7
<b>Total all industries</b>	<b>458.0</b>	<b>442.5</b>	<b>444.0</b>	<b>235.1</b>	<b>208.9</b>	<b>444.0</b>	<b>444.9</b>	<b>3,383.6</b>

See footnotes at end of table.

TABLE 13. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA — SECTOR AND INDUSTRY—continued

Industry	Number of employees ('000)						Gross earnings \$m
	June 1990	March 1991	April 1991	May 1991		June 1991	
	Persons	Persons	Persons	Males	Females	Persons	
PRIVATE AND PUBLIC							
Mining	8.0	7.3	7.5	6.7	0.7	7.4	7.4
Manufacturing	359.6	335.4	308.9	210.9	94.3	305.2	300.8
Food, beverages and tobacco	49.0	49.3	48.2	31.7	15.1	46.8	46.5
Textiles; clothing and footwear	49.2	45.9	41.8	15.4	25.8	41.3	40.6
Wood and wood products	9.5	8.1	7.1	5.7	1.4	7.1	6.7
Furniture and mattresses	9.6	8.0	9.0	7.2	1.8	9.0	9.0
Paper, paper products, printing and publishing	33.6	35.1	31.5	20.6	10.4	31.0	30.7
Chemical, petroleum and coal products	21.7	20.1	19.3	12.9	6.2	19.2	19.2
Non-metallic mineral products	15.0	12.2	9.7	8.6	1.0	9.6	9.2
Basic metal products	14.1	12.7	12.0	10.1	1.7	11.8	11.7
Fabricated metal products	34.0	30.5	27.6	21.9	5.6	27.4	26.9
Motor vehicles and parts	42.4	37.6	34.2	26.6	6.8	33.4	32.9
Other transport equipment	9.6	8.0	6.3	5.4	0.8	6.2	6.2
Other machinery and equipment	43.8	42.9	40.4	29.5	10.6	40.0	39.4
Miscellaneous manufacturing	27.9	25.0	21.7	15.3	7.1	22.4	21.9
Electricity, gas and water	34.9	31.8	31.0	27.2	3.8	31.0	30.9
Construction	86.8	80.9	76.8	61.9	15.0	76.9	75.0
Wholesale and retail trade	335.9	317.7	313.7	160.4	153.6	314.0	310.5
Wholesale trade	118.1	103.4	97.1	64.1	33.5	97.6	95.7
Retail trade	217.8	214.3	216.5	96.4	120.1	216.4	214.9
Motor vehicles, petrol, tyres	52.0	46.6	45.2	35.6	9.4	45.1	44.6
Other retail trade	165.9	167.7	171.3	60.7	110.6	171.3	170.3
Transport and storage	70.7	73.0	67.0	52.9	13.9	66.9	66.0
Road transport	28.2	26.8	22.9	17.3	5.6	22.9	22.5
Other transport and storage	42.4	46.2	44.0	35.6	8.3	44.0	43.5
Communication	37.5	37.6	37.4	27.0	10.3	37.3	37.1
Finance, property and business services	225.7	208.1	203.4	97.6	106.4	204.0	202.7
Banking	47.5	46.4	46.1	20.1	26.0	46.1	46.0
Non-bank finance and investment	*34.2	21.0	21.7	9.3	12.3	21.6	21.4
Insurance and services to insurance	20.1	22.2	21.4	9.3	12.0	21.3	21.2
Property and business services	123.8	118.5	114.2	59.0	56.0	114.9	114.1
Public administration and defence(c)	85.7	83.6	83.3	45.0	39.1	84.1	84.1
Commonwealth government admin.	12.4	12.4	12.4	6.0	6.5	12.5	12.5
State government admin.	19.5	17.5	17.6	10.6	6.9	17.5	17.6
Local government admin.	44.0	44.1	43.3	22.1	21.8	44.0	43.9
Other public admin. and defence(c)	9.8	9.6	10.0	6.3	3.8	10.1	10.0
Community services	357.5	357.6	365.0	123.4	243.5	366.9	367.7
Health	147.9	141.4	141.9	30.8	112.6	143.4	142.4
Education, museum and library services	138.1	135.7	140.5	52.2	87.8	140.0	143.0
Welfare and other community services	71.5	80.5	82.6	40.4	43.1	83.5	82.3
Recreation, personal and other services(a)	102.6	102.7	106.3	47.1	58.9	106.0	107.6
Entertainment and recreational services	30.2	28.8	29.1	15.2	14.1	29.4	28.9
Restaurants, hotels; personal services	72.4	73.9	77.2	31.8	44.8	76.6	78.7
<b>Total all industries(d)</b>	<b>1,704.9</b>	<b>1,635.7</b>	<b>1,600.2</b>	<b>860.2</b>	<b>739.4</b>	<b>1,599.6</b>	<b>1,589.9</b>
							<b>10,381.1</b>

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 14. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND — SECTOR AND INDUSTRY

Industry		Number of employees ('000)						Gross earnings	
		June 1990	March 1991	April 1991	May 1991		June 1991	June Quarter 1991	
		Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE									
Mining		18.5	19.7	19.7	18.2	1.5	19.7	19.6	258.5
Manufacturing		125.4	116.8	114.8	85.7	28.6	114.2	110.9	732.0
Electricity, gas and water; Construction		43.6	37.6	38.5	32.7	6.4	39.1	39.5	263.0
Wholesale and retail trade		218.3	206.4	205.3	106.6	100.5	207.1	205.0	972.6
Transport and storage		33.3	34.8	27.7	20.3	*8.4	28.7	28.7	169.9
Finance, property and business services		94.3	74.6	75.1	33.1	41.7	74.8	74.5	471.0
Banking		15.1	14.1	14.1	5.4	8.7	14.1	14.1	92.8
Non-bank finance, investment and insurance		19.5	14.5	*12.9	*5.4	*7.4	*12.9	*13.1	*81.2
Property and business services		59.8	46.0	48.0	22.3	25.5	47.8	47.4	297.0
Community services		77.7	76.1	75.2	18.9	56.3	75.2	75.6	419.8
Health		42.4	38.1	40.6	7.5	33.3	40.8	41.1	252.2
Education, museum and library services		16.8	16.6	15.4	4.8	10.0	14.8	15.0	80.3
Welfare and other community services		18.6	21.4	19.2	6.6	13.0	19.6	19.5	87.3
Recreation, personal and other services(a)		74.0	71.8	73.6	28.5	44.5	73.0	74.0	315.7
<b>Total all industries(b)</b>		<b>685.8</b>	<b>638.1</b>	<b>630.2</b>	<b>344.0</b>	<b>288.2</b>	<b>632.2</b>	<b>628.0</b>	<b>3,604.3</b>
PUBLIC									
Agriculture, forestry, fishing and hunting		1.5	1.5	1.5	1.3	0.2	1.5	1.6	12.5
Manufacturing		5.8	5.9	5.9	4.9	1.1	6.0	5.8	42.7
Electricity, gas and water; Construction		22.6	24.2	24.2	19.8	4.5	24.3	23.0	174.3
Wholesale and retail trade		1.5	1.4	1.4	1.0	0.4	1.4	1.4	8.0
Transport and storage		26.1	24.5	24.3	22.3	2.0	24.3	24.3	196.5
Communication		20.7	19.5	19.4	14.7	4.7	19.4	19.3	136.3
Finance, property and business services		13.6	12.2	12.3	5.6	6.7	12.3	12.4	68.2
Banking		6.1	6.2	6.4	2.6	3.8	6.4	6.4	23.7
Non-bank finance, investment and insurance		3.9	3.8	3.8	1.7	2.1	3.8	3.8	28.1
Property and business services		3.7	2.2	2.2	1.3	0.8	2.1	2.1	16.4
Public administration and defence(c)		47.5	45.5	46.9	31.8	14.7	46.5	46.8	314.3
Community services		123.7	129.6	128.7	52.9	74.7	127.6	129.2	846.8
Health		38.8	39.5	39.5	11.7	26.6	38.3	38.7	272.0
Education, museum and library services		63.2	66.0	65.4	24.4	40.6	65.0	66.5	434.1
Welfare and other community services		21.7	*24.1	23.9	16.8	7.4	24.3	24.0	140.8
Recreation, personal and other services		2.7	2.6	2.7	1.1	1.5	2.7	2.6	17.1
<b>Total all industries</b>		<b>265.6</b>	<b>266.9</b>	<b>267.4</b>	<b>155.5</b>	<b>110.5</b>	<b>266.0</b>	<b>266.4</b>	<b>1,816.6</b>

See footnotes at end of table.

TABLE 14. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND — SECTOR AND INDUSTRY—*continued*

Industry	Number of employees ('000)						Gross earnings	
	June 1990	March 1991	April 1991	May 1991	June 1991	June Quarter 1991		
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	18.5	19.7	19.7	18.2	1.5	19.7	19.6	258.5
Coal	9.9	9.6	10.3	9.9	*0.4	10.3	10.3	153.4
Other mining	8.6	10.1	9.5	8.4	1.1	9.4	9.3	105.1
Manufacturing	131.2	122.7	120.7	90.6	29.6	120.2	116.7	774.7
Food, beverages and tobacco	33.1	30.8	31.5	23.3	8.9	32.2	29.7	187.9
Textiles; clothing and footwear	5.3	5.3	5.7	1.6	4.0	5.6	5.8	32.3
Wood and wood products	6.9	7.5	7.3	6.1	1.0	7.1	7.2	40.3
Furniture and mattresses	4.9	4.1	4.3	3.5	0.9	4.4	4.3	22.0
Paper, paper products, printing and publishing	14.8	10.9	10.5	6.6	3.8	10.5	10.4	71.6
Chemical, petroleum and coal products	4.8	5.6	5.6	4.2	1.3	5.5	5.3	47.9
Non-metallic mineral products	7.6	7.6	7.4	6.3	*0.9	7.2	7.3	54.9
Basic metal products	6.1	7.5	7.9	7.1	0.7	7.8	7.8	66.1
Fabricated metal products	18.8	15.7	15.5	12.1	3.2	15.3	14.8	90.1
Motor vehicles and parts	5.3	4.1	3.7	3.4	0.3	3.6	3.4	21.7
Other transport equipment	6.6	5.6	5.3	4.9	0.3	5.2	5.2	38.1
Other machinery and equipment	10.6	11.3	10.1	7.7	*2.2	9.9	10.1	68.6
Miscellaneous manufacturing	6.3	6.8	5.9	3.8	2.1	5.9	5.5	33.2
Electricity, gas and water	14.4	14.5	14.4	12.7	1.7	14.5	14.4	115.0
Construction	51.8	47.4	48.3	39.8	9.2	48.9	48.1	322.3
Wholesale and retail trade	219.8	207.8	206.7	107.6	101.0	208.5	206.4	980.6
Wholesale trade	60.5	61.0	59.4	41.3	17.8	59.1	58.1	376.1
Retail trade	159.3	146.7	147.3	66.3	83.1	149.4	148.2	604.5
Motor vehicles, petrol, tyres	38.7	34.8	33.3	25.0	8.9	33.9	33.5	182.0
Other retail trade	120.6	112.0	114.0	41.3	74.2	115.5	114.7	422.5
Transport and storage	59.4	59.3	52.0	42.5	10.5	53.0	53.0	366.4
Road transport	*21.4	*18.8	*18.2	14.2	*5.0	*19.2	*19.1	99.9
Other transport and storage	*38.0	*40.5	33.8	28.3	5.5	33.8	33.9	266.5
Communication	21.4	19.7	19.7	14.8	4.9	19.7	19.6	138.1
Finance, property and business services	107.9	86.8	87.4	38.7	48.4	87.1	86.9	539.2
Banking	21.1	20.3	20.6	8.0	12.5	20.5	20.5	116.5
Non-bank finance and investment	*11.5	6.3	5.9	2.4	3.6	6.0	6.0	39.0
Insurance and services to insurance	11.8	12.0	*10.7	*4.8	*5.9	*10.7	*10.9	*70.3
Property and business services	63.4	48.2	50.2	23.6	26.3	49.9	49.5	313.5
Public administration and defence(c)	47.5	45.5	46.9	31.8	14.7	46.5	46.8	314.3
Commonwealth government admin.	10.0	9.8	9.1	4.3	4.9	9.2	9.4	65.9
State government admin.	10.8	10.5	10.8	7.1	3.7	10.8	11.0	80.1
Local government admin.	23.6	23.5	23.8	18.6	4.8	23.3	23.3	146.0
Other public admin. and defence(c)	3.0	1.9	3.1	1.8	1.3	3.1	3.2	22.4
Community services	201.4	205.7	204.0	71.9	131.0	202.8	204.8	1,266.6
Health	81.1	77.6	80.0	19.3	59.9	79.2	79.8	524.2
Education, museum and library services	79.9	82.6	80.8	29.2	50.7	79.9	81.5	514.4
Welfare and other community services	40.3	45.5	43.2	23.4	20.4	43.8	43.5	228.1
Recreation, personal and other services(a)	76.7	74.4	76.2	29.7	46.0	75.7	76.6	332.8
Entertainment and recreational services	15.4	15.6	16.3	7.5	8.6	16.1	16.5	91.1
Restaurants, hotels; personal services	61.3	58.8	59.9	22.2	37.4	59.6	60.1	241.7
<b>Total all industries(d)</b>	<b>951.4</b>	<b>905.1</b>	<b>897.7</b>	<b>499.5</b>	<b>398.7</b>	<b>898.2</b>	<b>894.5</b>	<b>5,420.9</b>

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 15. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA — SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	June 1990	March 1991	April 1991	May 1991		June 1991	June Quarter 1991	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	3.1	2.9	3.0	2.5	0.5	2.9	3.0	31.9
Manufacturing	97.6	97.9	96.9	69.7	25.4	95.1	95.2	650.2
Electricity, gas and water; Construction	21.5	24.2	23.1	20.0	3.1	23.1	20.9	*208.8
Wholesale and retail trade	104.0	106.2	104.3	51.5	52.7	104.3	104.5	450.7
Transport and storage	11.5	12.7	12.4	9.3	2.8	12.1	11.9	81.3
Finance, property and business services	41.8	46.1	40.3	17.2	23.3	40.5	39.6	251.7
Banking	5.4	5.0	5.1	2.1	3.0	5.1	5.1	34.6
Non-bank finance, investment and insurance	9.3	10.3	10.6	4.3	6.3	10.6	10.2	75.0
Property and business services	27.1	30.8	24.6	10.8	14.0	24.8	24.3	142.2
Community services	49.7	60.5	54.9	15.7	39.9	55.6	54.3	280.5
Health	26.2	31.0	29.4	4.2	25.3	29.5	29.5	153.7
Education, museum and library services	9.3	10.2	8.8	3.9	5.1	9.0	9.1	54.0
Welfare and other community services	*14.2	*19.2	16.7	*7.6	9.6	17.2	15.7	*72.8
Recreation, personal and other services(a)	33.7	33.6	32.7	13.8	19.6	33.4	31.7	117.4
<b>Total all industries(b)</b>	<b>363.1</b>	<b>384.3</b>	<b>367.9</b>	<b>199.9</b>	<b>167.4</b>	<b>367.4</b>	<b>361.3</b>	<b>2,074.1</b>
PUBLIC								
Agriculture, forestry, fishing and hunting	0.6	0.4	0.4	0.4	—	0.4	0.4	2.4
Mining	1.0	1.0	1.0	0.8	0.2	1.0	0.9	11.9
Manufacturing	3.6	3.5	3.4	2.9	0.4	3.3	3.3	21.2
Electricity, gas and water; Construction	15.3	15.0	15.0	12.6	2.2	14.8	14.6	118.6
Wholesale and retail trade	0.2	0.2	*0.3	*0.2	*0.1	*0.3	*0.3	*1.6
Transport and storage	10.0	9.6	9.6	8.5	1.0	9.5	9.5	79.3
Communication	9.1	9.1	9.0	6.9	2.0	9.0	9.0	75.0
Finance, property and business services	10.5	10.4	10.5	5.2	5.4	10.5	10.5	76.1
Banking	5.8	5.8	5.8	2.8	3.1	5.9	5.9	38.4
Non-bank finance, investment and insurance	2.3	2.4	2.4	1.0	1.4	2.4	2.4	19.4
Property and business services	2.4	2.2	2.2	1.3	0.9	2.2	2.2	18.3
Public administration and defence(c)	21.6	22.1	21.6	12.7	9.1	21.8	21.7	144.3
Community services	78.5	76.7	78.2	30.0	47.8	77.7	79.2	569.7
Health	31.2	31.9	32.3	8.0	24.4	32.4	32.8	219.9
Education, museum and library services	35.0	33.4	34.7	13.8	20.6	34.4	35.0	256.3
Welfare and other community services	12.3	11.5	11.2	8.2	2.8	11.0	11.3	93.5
Recreation, personal and other services	3.0	3.0	2.9	1.2	1.8	3.0	3.0	18.4
<b>Total all industries</b>	<b>153.7</b>	<b>151.0</b>	<b>151.7</b>	<b>81.3</b>	<b>69.9</b>	<b>151.2</b>	<b>152.4</b>	<b>1,118.4</b>

See footnotes at end of table.

TABLE 15. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA — SECTOR AND INDUSTRY—*continued*

Industry	Number of employees ('000)						Gross earnings	
	June 1990	March 1991	April 1991	May 1991		June 1991	June Quarter 1991	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	4.1	3.9	4.0	3.3	0.6	4.0	3.9	43.8
Manufacturing	101.2	101.3	100.3	72.7	25.8	98.4	98.5	671.3
Food, beverages and tobacco	16.5	17.3	17.6	10.8	5.5	16.3	16.9	103.2
Textiles; clothing and footwear	6.6	5.8	6.6	2.2	4.2	6.4	6.6	36.0
Wood and wood products	4.3	5.9	5.4	4.7	0.6	5.3	5.3	31.5
Furniture and mattresses	2.5	2.5	2.4	1.8	*0.7	2.4	2.4	12.2
Paper, paper products, printing and publishing	8.5	8.3	8.3	5.7	2.7	8.4	8.5	63.3
Chemical, petroleum and coal products	2.6	2.9	2.8	2.3	*0.5	2.8	2.7	30.2
Non-metallic mineral products	3.3	3.4	3.5	3.0	0.3	3.3	3.2	26.3
Basic metal products	7.7	7.4	7.5	7.0	0.5	7.5	7.4	58.9
Fabricated metal products	8.0	7.6	7.6	6.0	1.5	7.5	7.4	46.5
Motor vehicles and parts	14.5	14.0	14.0	11.5	*2.3	13.8	13.5	92.6
Other transport equipment	2.4	2.2	2.3	2.1	0.2	2.3	2.3	16.1
Other machinery and equipment	15.8	16.6	15.8	11.3	*4.5	15.9	15.9	103.2
Miscellaneous manufacturing	8.6	7.3	6.5	4.3	2.2	6.5	6.3	51.4
Electricity, gas and water	10.4	10.2	10.2	8.6	*1.4	10.0	9.9	84.2
Construction	26.4	29.0	27.9	24.0	3.9	27.9	25.6	*243.2
Wholesale and retail trade	104.1	106.4	104.6	51.7	52.8	104.5	104.7	452.3
Wholesale trade	31.3	32.7	31.1	19.8	11.2	31.0	30.8	187.3
Retail trade	72.8	73.8	73.4	31.9	41.6	73.5	74.0	265.0
Motor vehicles, petrol, tyres	15.5	15.8	15.1	12.0	3.1	15.1	15.0	78.1
Other retail trade	57.3	57.9	58.3	19.9	38.5	58.4	59.0	186.9
Transport and storage	21.6	22.3	21.9	17.9	3.8	21.6	21.4	160.6
Road transport	10.6	12.0	11.6	9.7	1.6	11.3	11.0	80.5
Other transport and storage	11.0	10.3	10.4	8.1	2.2	10.4	10.4	80.1
Communication	9.3	9.3	9.3	7.0	2.2	9.2	9.2	76.5
Finance, property and business services	52.3	56.5	50.8	22.4	28.6	51.0	50.1	327.8
Banking	11.2	10.8	11.0	5.0	6.1	11.0	10.9	72.9
Non-bank finance and investment	4.3	3.9	3.8	1.5	2.2	3.7	3.7	26.0
Insurance and services to insurance	7.4	8.8	9.2	3.8	5.4	9.3	8.9	68.5
Property and business services	29.5	33.0	26.8	12.1	14.9	27.0	26.5	160.5
Public administration and defence(c)	21.6	22.1	21.6	12.7	9.1	21.8	21.7	144.3
Commonwealth government admin.	5.9	6.5	6.0	2.6	3.4	6.0	6.1	39.9
State government admin.	5.1	5.0	4.7	3.0	1.7	4.7	4.6	33.4
Local government admin.	8.3	8.3	8.4	5.8	2.6	8.4	8.4	50.4
Other public admin. and defence(c)	*2.2	*2.4	*2.6	*1.2	*1.4	*2.7	*2.6	*20.6
Community services	128.3	137.2	133.1	45.6	87.7	133.3	133.5	850.2
Health	57.5	62.9	61.7	12.2	49.7	61.8	62.3	373.6
Education, museum and library services	44.2	43.6	43.4	17.7	25.7	43.4	44.2	310.3
Welfare and other community services	26.6	30.7	27.9	15.8	12.3	28.1	27.1	166.2
Recreation, personal and other services(a)	36.8	36.6	35.6	15.0	21.4	36.4	34.7	135.8
Entertainment and recreational services	7.7	9.3	8.2	*4.7	3.4	8.1	6.6	42.6
Restaurants, hotels; personal services	29.1	27.3	27.5	10.3	17.9	28.2	28.1	93.2
<b>Total all industries(d)</b>	<b>516.8</b>	<b>535.2</b>	<b>519.6</b>	<b>281.3</b>	<b>237.3</b>	<b>518.6</b>	<b>513.7</b>	<b>3,192.5</b>

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 16. EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA — SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	June 1990	March 1991	April 1991	May 1991		June 1991	June Quarter 1991	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	22.4	22.1	22.1	19.3	3.0	22.3	21.9	254.2
Manufacturing	64.6	62.9	60.0	43.7	15.4	59.2	57.7	439.8
Electricity, gas and water; Construction	21.5	24.1	24.7	21.2	4.0	25.1	24.9	217.8
Wholesale and retail trade	107.6	102.8	106.0	55.8	50.6	106.4	104.9	498.2
Transport and storage	18.4	18.3	17.6	12.7	4.9	17.6	17.1	139.4
Finance, property and business services	51.0	47.5	51.0	20.7	30.0	50.7	51.5	316.1
Banking	7.0	6.8	6.8	2.6	4.2	6.8	6.8	43.7
Non-bank finance, investment and insurance	8.0	8.5	8.6	3.6	5.0	8.6	8.5	59.4
Property and business services	36.0	32.2	35.6	14.5	20.8	35.2	36.1	213.1
Community services	39.8	40.7	43.6	11.1	33.2	44.3	44.2	236.1
Health	19.9	21.1	21.7	2.9	18.9	21.8	21.8	106.5
Education, museum and library services	7.0	8.3	8.1	2.9	5.7	8.7	8.7	48.7
Welfare and other community services	12.8	11.4	13.8	*5.2	8.6	13.9	13.8	81.0
Recreation, personal and other services(a)	33.4	37.1	38.1	15.2	24.4	39.6	37.4	130.9
<b>Total all industries(b)</b>	<b>358.6</b>	<b>355.5</b>	<b>363.4</b>	<b>199.8</b>	<b>165.6</b>	<b>365.4</b>	<b>359.9</b>	<b>2,235.0</b>
PUBLIC								
Agriculture, forestry, fishing and hunting	1.7	1.7	1.6	1.2	0.4	1.5	1.6	11.9
Mining	—	—	—	—	—	—	—	—
Manufacturing	2.8	2.7	1.6	1.2	0.4	1.6	1.6	11.5
Electricity, gas and water; Construction	14.5	14.3	14.9	13.3	1.6	14.9	14.8	119.8
Wholesale and retail trade	0.5	0.5	0.5	0.4	0.2	0.5	0.5	4.1
Transport and storage	9.8	10.4	10.7	9.6	1.1	10.7	10.6	84.2
Communication	10.0	9.8	9.8	7.2	2.6	9.8	9.7	70.9
Finance, property and business services	11.8	10.6	10.6	4.9	5.8	10.6	10.7	60.4
Banking	7.2	6.6	6.7	2.7	4.0	6.7	6.7	32.5
Non-bank finance, investment and insurance	1.4	1.4	1.4	0.6	0.8	1.4	1.5	9.8
Property and business services	3.1	2.5	2.5	1.6	0.9	2.5	2.5	18.1
Public administration and defence(c)	24.3	25.2	24.4	14.6	10.3	24.8	24.6	157.8
Community services	87.6	81.7	82.9	32.0	50.1	82.1	86.2	558.7
Health	30.2	30.0	29.6	8.3	21.0	29.4	29.9	213.2
Education, museum and library services	44.7	39.8	40.5	14.1	25.8	39.9	43.2	245.8
Welfare and other community services	12.7	12.0	12.7	9.5	3.3	12.9	13.2	99.6
Recreation, personal and other services	2.2	2.1	2.0	1.0	1.0	2.0	2.0	12.8
<b>Total all industries</b>	<b>165.3</b>	<b>159.1</b>	<b>159.1</b>	<b>85.3</b>	<b>73.4</b>	<b>158.6</b>	<b>162.3</b>	<b>1,091.8</b>

See footnotes at end of table.

TABLE 16. EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA — SECTOR AND INDUSTRY—continued

Industry	Number of employees ('000)						Gross earnings	
	June 1990	March 1991	April 1991	May 1991		June 1991	June Quarter 1991	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	22.4	22.1	22.1	19.3	3.0	22.3	21.9	254.2
Manufacturing	67.4	65.7	61.6	44.9	15.9	60.8	59.3	451.3
Food, beverages and tobacco	12.0	15.6	12.9	8.1	4.3	12.4	11.8	85.4
Textiles; clothing and footwear	3.0	2.4	2.4	1.0	1.6	2.5	2.6	13.6
Wood and wood products	4.3	4.2	4.3	3.5	0.8	4.3	4.2	27.4
Furniture and mattresses	3.5	*2.5	*2.7	*2.0	*0.6	*2.7	*2.6	*13.3
Paper, paper products, printing and publishing	7.2	8.8	9.0	4.7	4.2	8.9	8.6	61.2
Chemical, petroleum and coal products	3.7	3.7	3.5	3.0	0.4	3.4	3.4	42.6
Non-metallic mineral products	4.4	4.1	4.0	3.5	0.5	4.0	3.9	31.7
Basic metal products	5.3	4.7	4.5	4.1	0.4	4.5	4.4	45.2
Fabricated metal products	8.6	7.4	7.1	6.2	0.8	7.0	7.0	52.9
Transport equipment	4.5	4.2	2.9	2.6	0.3	2.9	2.9	22.2
Other machinery and equipment	7.6	5.2	5.2	4.1	1.1	5.2	5.1	36.6
Miscellaneous manufacturing	3.3	2.9	3.1	2.2	0.8	3.0	2.8	19.1
Electricity, gas and water	10.1	10.1	10.2	9.2	0.9	10.1	10.0	84.4
Construction	25.9	28.3	29.5	25.3	4.6	29.9	29.6	253.2
Wholesale and retail trade	108.1	103.3	106.5	56.1	50.8	106.9	105.5	502.3
Wholesale trade	33.5	32.1	31.1	22.2	9.3	31.5	31.0	217.2
Retail trade	74.5	71.3	75.4	33.9	41.5	75.4	74.5	285.1
Motor vehicles, petrol, tyres	15.4	15.1	15.8	12.4	3.3	15.7	15.5	89.5
Other retail trade	59.1	56.2	59.6	21.5	38.2	59.7	59.0	195.6
Transport and storage	28.2	28.7	28.3	22.2	6.0	28.2	27.7	223.6
Road transport	11.4	*10.9	*10.7	*8.2	*2.4	*10.6	*10.1	*70.2
Other transport and storage	16.8	*17.8	17.7	14.0	3.6	17.6	17.6	153.4
Communication	10.0	9.8	10.1	7.4	2.7	10.1	10.0	73.4
Finance, property and business services	62.7	58.1	61.6	25.5	35.8	61.3	62.1	376.4
Banking	14.2	13.4	13.5	5.3	8.3	13.5	13.5	76.1
Non-bank finance and investment	*4.4	3.8	4.2	1.8	2.5	4.3	4.3	32.3
Insurance and services to insurance	5.1	6.1	5.7	2.4	3.4	5.8	5.7	36.9
Property and business services	39.1	34.8	38.1	16.1	21.7	37.7	38.7	231.1
Public administration and defence(c)	24.3	25.2	24.4	14.6	10.3	24.8	24.6	157.8
Commonwealth government admin.	5.6	6.6	6.1	2.8	3.4	6.1	6.1	38.2
State government admin.	6.2	5.8	5.7	3.6	2.2	5.8	5.9	47.5
Local government admin.	11.0	11.1	11.1	7.3	3.9	11.2	11.0	59.1
Other public admin. and defence(c)	1.6	1.6	1.6	0.9	0.8	1.7	1.7	12.9
Community services	127.4	122.5	126.5	43.1	83.3	126.4	130.5	794.8
Health	50.1	51.1	51.3	11.3	39.9	51.2	51.6	319.7
Education, museum and library services	51.7	48.1	48.6	17.1	31.5	48.6	51.8	294.5
Welfare and other community services	25.6	23.3	26.6	14.8	12.0	26.7	27.0	180.6
Recreation, personal and other services(a)	35.7	39.2	40.1	16.2	25.4	41.6	39.4	143.7
Entertainment and recreational services	6.5	8.3	7.6	4.0	3.5	7.5	7.2	32.0
Restaurants, hotels; personal services	29.1	30.9	32.6	12.2	21.9	34.0	32.2	111.7
<b>Total all industries(d)</b>	<b>523.9</b>	<b>r 514.5</b>	<b>522.5</b>	<b>285.0</b>	<b>239.0</b>	<b>524.0</b>	<b>522.1</b>	<b>3,326.8</b>

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 17. EMPLOYED WAGE AND SALARY EARNERS, TASMANIA — SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	June 1990	March 1991	April 1991	May 1991		June 1991	June Quarter 1991	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	2.9	2.3	2.3	2.2	0.2	2.3	2.3	26.7
Manufacturing	26.3	24.2	23.7	18.6	4.5	23.1	23.0	170.2
Electricity, gas and water; Construction	3.6	4.1	4.4	4.0	0.5	4.6	4.6	29.0
Wholesale and retail trade	27.2	28.2	27.5	14.3	13.0	27.3	26.5	124.3
Transport and storage	4.5	4.1	3.9	3.0	0.8	3.8	3.8	25.0
Finance, property and business services	11.3	10.8	10.9	4.7	6.1	10.8	10.7	64.4
Banking	1.9	1.7	1.8	0.7	1.1	1.8	1.8	11.5
Non-bank finance, investment and insurance	2.7	2.6	2.8	1.2	1.7	2.9	2.8	19.0
Property and business services	6.8	6.4	6.3	*2.7	3.4	6.1	6.0	33.9
Community services	16.1	13.4	13.7	3.5	10.1	13.6	13.6	68.7
Health	*9.8	7.7	7.3	1.2	6.2	7.3	7.4	34.6
Education, museum and library services	1.9	2.1	2.2	0.9	1.3	2.2	2.1	12.9
Welfare and other community services	4.3	3.6	4.2	1.5	*2.6	4.1	4.0	*21.1
Recreation, personal and other services(a)	11.1	12.2	11.5	4.2	6.8	11.0	10.6	41.9
<b>Total all industries(b)</b>	<b>102.9</b>	<b>99.2</b>	<b>97.8</b>	<b>54.4</b>	<b>42.1</b>	<b>96.5</b>	<b>94.9</b>	<b>550.3</b>
PUBLIC								
Agriculture, forestry, fishing and hunting	0.8	0.8	0.7	0.6	0.1	0.7	0.7	5.1
Manufacturing	0.1	0.1	0.1	0.1	—	0.1	0.1	0.7
Electricity, gas and water; Construction	5.7	6.1	6.1	5.4	0.6	6.0	5.9	48.4
Wholesale and retail trade	0.2	0.2	0.2	0.2	—	0.2	0.2	1.0
Transport and storage	2.1	1.9	1.9	1.8	0.1	1.9	1.9	13.9
Communication	3.0	2.6	2.6	2.1	0.5	2.6	2.6	19.6
Finance, property and business services	2.8	2.3	2.3	1.0	1.2	2.3	2.2	13.6
Banking	1.4	1.4	1.4	0.6	0.8	1.4	1.3	7.3
Non-bank finance, investment and insurance	0.6	0.5	0.5	0.3	0.3	0.6	0.6	3.6
Property and business services	0.8	0.3	0.4	0.2	0.2	0.3	0.4	2.7
Public administration and defence(c)	9.6	9.6	9.7	5.8	4.1	9.9	9.9	63.1
Community services	27.1	24.9	25.3	10.2	15.7	25.9	23.9	161.8
Health	9.8	9.4	9.6	3.0	6.6	9.6	9.5	66.4
Education, museum and library services	14.4	13.1	13.3	5.3	8.6	13.9	12.1	76.5
Welfare and other community services	2.9	2.4	2.4	1.9	0.5	2.3	2.3	18.9
Recreation, personal and other services	0.5	0.6	0.6	0.4	0.3	0.7	0.6	5.0
<b>Total all industries</b>	<b>52.0</b>	<b>49.1</b>	<b>49.4</b>	<b>27.6</b>	<b>22.6</b>	<b>50.2</b>	<b>48.1</b>	<b>332.3</b>

See footnotes at end of table.

TABLE 17. EMPLOYED WAGE AND SALARY EARNERS, TASMANIA — SECTOR AND INDUSTRY—*continued*

Industry	Number of employees ('000)						Gross earnings	
	June 1990	March 1991	April 1991	May 1991		June 1991	June Quarter 1991	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	2.9	2.3	2.3	2.2	0.2	2.3	2.3	26.7
Manufacturing	26.4	24.4	23.8	18.7	4.6	23.3	23.1	170.9
Food, beverages and tobacco	6.2	6.1	5.5	3.4	1.9	5.2	5.2	32.5
Textiles; clothing and footwear	2.7	1.6	1.5	0.7	0.7	1.5	1.5	7.9
Wood; wood products and furniture	3.6	3.9	3.5	3.2	0.3	3.5	3.5	21.9
Paper, paper products, printing and publishing	4.6	4.6	4.8	3.8	0.8	4.6	4.6	43.7
Chemical, petroleum and coal products	1.0	0.7	0.6	0.5	0.1	0.6	0.6	5.0
Non-metallic mineral products	0.7	0.6	0.8	0.7	0.1	0.8	0.7	5.8
Basic metal products	3.0	3.0	3.2	3.0	0.2	3.2	3.2	31.3
Fabricated metal products	1.6	1.4	1.3	1.2	*0.1	1.3	1.2	7.1
Transport equipment	1.3	1.3	1.4	1.2	0.2	1.4	1.4	9.1
Other manufacturing	1.7	1.2	1.2	1.0	0.2	1.2	1.2	6.5
Electricity, gas and water	4.3	4.3	4.3	3.9	0.4	4.3	4.2	35.8
Construction	5.0	5.9	6.2	5.6	0.7	6.3	6.3	41.6
Wholesale and retail trade	27.4	28.4	27.6	14.4	13.0	27.4	26.6	125.3
Wholesale trade	8.5	8.7	8.2	5.9	2.0	7.9	7.5	45.3
Retail trade	18.9	19.6	19.5	8.6	11.0	19.6	19.1	80.0
Motor vehicles, petrol, tyres	5.1	*5.6	5.2	4.5	*0.7	5.2	5.0	*28.3
Other retail trade	13.8	14.0	14.3	4.1	10.3	14.4	14.1	51.7
Transport and storage	6.6	6.0	5.8	4.8	0.9	5.7	5.7	38.8
Road transport	3.2	2.5	2.4	2.1	0.3	2.4	2.3	13.8
Other transport and storage	3.4	3.5	3.4	2.7	0.6	3.4	3.4	25.0
Communication	3.0	2.6	2.6	2.1	0.5	2.6	2.6	19.7
Finance, property and business services	14.1	13.1	13.2	5.7	7.3	13.1	12.9	78.0
Banking	3.3	3.1	3.2	1.3	1.8	3.2	3.1	18.8
Non-bank finance and investment	*1.0	1.1	1.1	0.5	0.6	1.1	1.1	7.4
Insurance and services to insurance	2.2	2.1	2.2	1.0	1.3	2.3	2.2	15.2
Property and business services	7.6	6.8	6.7	*2.9	3.6	6.5	6.4	36.6
Public administration and defence(c)	9.6	9.6	9.7	5.8	4.1	9.9	9.9	63.1
Commonwealth government admin.	1.9	2.1	2.2	1.1	1.1	2.2	2.2	13.9
State government admin.	3.6	3.4	3.6	2.0	1.7	3.7	3.7	25.6
Local government admin.	3.6	3.5	3.4	2.5	1.0	3.4	3.4	19.8
Other public admin. and defence(c)	0.5	0.5	0.5	0.3	0.3	0.5	0.6	3.7
Community services	43.2	38.3	38.9	13.7	25.8	39.5	37.5	230.5
Health	19.7	17.1	16.9	4.2	12.8	17.0	16.9	101.1
Education, museum and library services	16.3	15.2	15.5	6.2	9.9	16.1	14.3	89.4
Welfare and other community services	7.2	6.0	6.5	3.4	*3.1	6.4	6.4	*40.0
Recreation, personal and other services(a)	11.6	12.8	12.1	4.5	7.1	11.6	11.2	47.0
Entertainment and recreational services	1.3	1.4	1.4	0.8	0.7	1.4	1.4	7.9
Restaurants, hotels; personal services	10.3	11.4	10.6	3.8	6.4	10.2	9.8	39.1
<b>Total all industries(d)</b>	<b>154.9</b>	<b>148.3</b>	<b>147.3</b>	<b>82.0</b>	<b>64.7</b>	<b>146.7</b>	<b>143.0</b>	<b>882.6</b>

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 18. EMPLOYED WAGE AND SALARY EARNERS, NORTHERN TERRITORY — INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	June 1990	March 1991	April 1991	May 1991		June 1991	June Quarter 1991	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
Mining	1.7	1.8	2.0	1.6	0.3	1.9	1.9	18.9
Manufacturing	2.9	2.8	3.4	2.9	0.8	3.7	3.7	33.6
Electricity, gas and water	1.3	1.2	1.2	0.9	0.2	1.2	1.1	9.8
Construction	5.8	*6.0	*5.8	*4.5	*1.3	*5.8	*5.9	*43.7
Wholesale and retail trade	12.0	10.0	10.4	6.0	4.5	10.4	10.5	58.0
Transport and storage	2.0	1.7	*3.0	*2.5	*0.9	*3.4	*3.6	*21.9
Communication	1.1	1.0	1.0	0.7	0.2	1.0	1.0	8.6
Finance, property and business services	*6.5	*7.1	*7.1	*4.4	*2.8	*7.3	*7.6	42.5
Public administration and defence(a)	6.9	6.8	6.5	3.5	2.9	6.4	6.4	50.1
Community services	17.6	15.9	15.9	7.2	9.1	16.4	16.7	96.6
Health	6.5	6.0	5.2	1.6	3.7	5.3	5.4	27.3
Education, museum and library services	6.1	5.8	6.2	2.3	4.0	6.3	6.6	45.3
Welfare and other community services	*4.9	*4.1	4.4	3.4	1.4	4.8	4.8	*24.0
Recreation, personal and other services(b)	5.1	5.4	6.5	2.9	3.9	6.8	6.7	28.5
Total all industries(c)	63.0	59.8	62.8	37.2	27.1	64.3	65.1	412.3

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) Excludes private households employing staff. (c) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 19. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIAN CAPITAL TERRITORY — INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	June 1990	March 1991	April 1991	May 1991		June 1991	June Quarter 1991	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
Manufacturing	4.1	3.6	3.6	2.5	1.0	3.6	3.5	25.7
Electricity, gas and water	1.5	1.5	1.5	1.3	0.3	1.5	1.5	12.0
Construction	4.6	4.8	4.9	4.3	0.5	4.9	5.0	33.9
Wholesale and retail trade	16.8	15.7	17.1	8.9	8.3	17.2	16.6	78.1
Transport and storage	3.2	2.9	3.0	2.3	0.7	3.0	2.9	24.4
Communication	2.0	2.1	2.0	1.3	0.8	2.0	2.0	14.4
Finance, property and business services	13.7	16.5	16.8	8.0	8.3	16.4	16.1	109.0
Public administration and defence(a)	36.5	38.2	38.2	21.2	17.2	38.4	38.6	322.4
Community services	33.6	31.5	31.9	12.2	20.0	32.2	32.4	232.6
Health	9.4	8.1	8.4	1.8	6.6	8.4	8.4	59.7
Education, museum and library services	15.5	15.3	15.2	6.2	9.3	15.4	15.7	107.0
Welfare and other community services	*8.7	*8.1	8.3	4.3	4.1	8.3	8.3	*66.0
Recreation, personal and other services(b)	9.3	9.5	9.2	4.1	5.3	9.4	9.0	40.4
Total all industries(c)	125.6	126.5	128.5	66.3	62.4	128.7	127.9	894.2

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) Excludes private households employing staff. (c) Includes Mining and employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 20. EMPLOYED WAGE AND SALARY EARNERS, PRIVATE SECTOR — EMPLOYER UNIT SIZE(a)

	Less than 20 employees		20-99 employees		100 or more employees		Total	
	May 1991	June Quarter 1991	May 1991	June Quarter 1991	May 1991	June Quarter 1991	May 1991	June Quarter 1991
		Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)
AUSTRALIA BY INDUSTRY								
Mining	6.7	63.4	6.7	75.4	62.0	807.5	75.4	946.2
Manufacturing	173.3	973.8	203.7	1,353.3	529.2	4,200.4	906.3	6,527.4
Electricity, gas and water	0.3	1.6	0.5	4.7	2.6	23.3	3.4	29.7
Construction	132.6	784.7	57.7	509.8	52.8	536.1	243.1	1,830.7
Wholesale and retail trade	488.5	2,277.4	250.8	1,492.8	452.9	2,176.9	1,192.1	5,947.2
Transport and storage	56.9	314.0	47.4	337.6	58.4	488.8	162.7	1,140.4
Finance, property and business services	244.3	1,555.1	129.3	954.6	273.3	2,143.4	646.8	4,653.2
Community services	161.5	911.8	130.5	718.3	235.9	1,288.5	527.9	2,918.7
Recreation, personal and other services(b)	187.4	641.7	132.5	521.2	119.9	576.7	439.8	1,739.6
<b>Total all industries(c)</b>	<b>1,456.1</b>	<b>7,557.6</b>	<b>960.5</b>	<b>5,980.6</b>	<b>1,782.4</b>	<b>12,204.2</b>	<b>4,198.9</b>	<b>25,742.4</b>
STATES AND TERRITORIES								
New South Wales	496.3	2,691.6	305.0	2,048.5	682.5	4,984.8	1,483.9	9,724.9
Victoria	396.1	2,022.3	282.4	1,733.9	477.0	3,241.3	1,155.5	6,997.5
Queensland	243.4	1,203.7	138.3	788.5	250.5	1,612.0	632.2	3,604.3
South Australia	119.5	597.1	91.1	550.2	156.7	926.9	367.4	2,074.1
Western Australia	123.3	636.3	92.7	558.5	149.5	1,040.2	365.4	2,235.0
Tasmania	38.8	182.3	21.9	122.6	35.7	245.4	96.5	550.3
Northern Territory	14.9	83.0	16.3	101.2	11.0	67.2	42.2	251.4
Australian Capital Territory	23.4	139.2	13.2	79.4	19.3	86.5	55.8	305.0

(a) See Appendix 2 and paragraph 25 of Explanatory Notes. (b) Excludes private households employing staff. (c) Includes employees of private enterprises classified to Communication.

## EXPLANATORY NOTES

### Introduction

This publication contains results of the quarterly Survey of Employment and Earnings (SEE) which was introduced in the September quarter 1983. The survey is designed to obtain, from employer units, information on numbers of wage and salary earners employed each month and their quarterly earnings. It replaces the civilian employees series, based principally on information obtained from payroll tax returns, which was discontinued after April 1980.

2. Background information on the reasons for the introduction of this survey is provided in *Information Paper: Review of ABS Employment Statistics* (6239.0) published on 8 July 1981. Further information on the differences in concepts, methodology and coverage of the old and new employment series is provided in *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0) issued on 21 June 1984.

### Scope of the survey

3. All wage and salary earners who received pay in any pay period ending within the quarter were represented in the survey, except: members of the Australian permanent defence forces; employees of enterprises in the private sector primarily engaged in agriculture, forestry, fishing and hunting; employees in private households employing staff; employees of overseas embassies, consulates, etc; employees based outside Australia.

4. An indicator of the number of employed wage and salary earners out of scope to the year ended June 1991 is shown in the following table as:

• New South Wales	79,400
• Victoria	51,200
• Queensland	45,500
• South Australia	20,900
• Western Australia	21,700
• Tasmania	8,100
• Northern Territory	7,400
• Australian Capital Territory	8,000
• Australia	242,200

Estimates of the number of employees in private sector agriculture and private households were derived from the Labour Force Survey while data relating to the number of permanent defence force members are based upon information supplied to the ABS by the Department of Defence.

### Survey design

5. The survey is conducted by mail each quarter with data collected on monthly number of employees and quarterly earnings. For the first and last month of each quarter, only the total number of persons is collected; for the mid month of each quarter, details of males and females, full-time and part-time are collected.

6. For the *Private* and *Public* sectors, samples of approximately 15,000 private and 2,500 public employer units were selected from the ABS register of businesses to

ensure adequate State and industry representation. The statistical unit for the survey comprises all activities of an enterprise in a particular State. Each statistical unit was classified to an industry which reflected the predominant activity of the enterprise in the State. In a small number of cases where an enterprise had a significant number of employees in more than one industry, a separate statistical unit was created for each industry. Periodically, a review is undertaken to determine whether existing enterprises which are split into separate statistical units should continue to report on that basis. In addition, larger enterprises which are not currently split into separate statistical units are examined to decide whether they should be split for the purpose of reporting their employees. Any changes in reporting arrangements as a result of such review can have an impact on the industry estimates at the time of their implementation. Private sector statistical units are stratified by State, industry, and number of employees. Public sector statistical units are further stratified by institutional sector. An equal probability sample is selected from each stratum.

7. For the March quarter 1988 survey, a new private sector sample was introduced which reduced the number of private sector statistical units selected from 20,000 to 15,000. The new allocation of units within the existing stratification was achieved without significant loss of accuracy in the main estimates. The greater than usual change in the sample in recent quarters, however, has caused an increase in the standard error of the movement in the estimates between those periods (see paragraphs 10 to 12, below, for more information on interpretation of estimates of movements).

8. For the September quarter 1988, public sector sampling was introduced which reduced the number of public sector statistical units from a complete enumeration of approximately 4,000 to a sample of 2,500. This change has also been achieved without significant loss of accuracy in the main estimates.

### Reliability of estimates

9. Estimates are subject to sampling and non-sampling errors. For more information refer to Appendix 1 - Technical Note.

### Interpretation of estimates of movements

10. While estimates of employed wage and salary earners are presented in this publication for each month of the quarter, the survey is conducted quarterly and the sample of employer units is updated each quarter to reflect changes in the ABS register of business units, from which the sample is selected. These changes arise from the emergence of new businesses, takeovers and mergers, changes to industry classification, changes in the number of employees, and businesses which have ceased operations. Such updating of the register can contribute to sudden changes in the estimates of employed wage and salary earners, and earnings.

11. Recently the ABS has introduced new definitions and rules for recording units on the register with greater

emphasis being given to the way organisations are structured and the type of data available from businesses' accounts. In order to correctly interpret these new rules, the ABS has commenced a program of visits to the largest private and public sector organisations in Australia to obtain up to date information on their structure and operations. The outcome of these visits and the adoption of new units definitions will be changes in the survey estimates, as outlined in paragraph 10 above.

12. Estimates of monthly movements within each quarter arise solely from changes in reported number of employees by employer units but movements between quarters also reflect changes resulting from updating the survey sample.

#### Coverage Adjustment

13. This survey uses as its sampling frame the ABS's register of businesses which is regularly updated to take account of new businesses and businesses ceasing operation. A major source of information on new businesses is group employer (GE) registration with the Australian Tax Office. The ABS has developed an improved computer system for recording new businesses from this source on the register. An analysis to identify businesses which have been omitted from the register in the past is continuing. For the period of time over which the changed register updating processes were being introduced and until the new arrangements are fully implemented, some employers have not been able to be included in the lists of businesses from which the SEE sample is chosen each quarter. When the improvements to the business register have been completed the series in this publication may be revised to correct past results using information that is then expected to be available concerning new GE businesses. For additional information on the changes taking place to the business register refer to the information paper *Australian Bureau of Statistics Business Register, Recent Developments, 1991* (8130.0).

#### Seasonal Adjustment

14. Seasonally adjusted series are published in Tables 2, 5 and 11. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile or unsystematic can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation.

15. The series have been seasonally adjusted from September 1983 and the historical series can be made available on request. The seasonal factors are reviewed annually to take account of each additional year's original data. The most recent review took place in the March quarter 1991.

16. It is possible that the seasonality of employment has been affected to varying degrees by the changed patterns of school holidays in some States. The impact of these changes on seasonally adjusted estimates cannot be assessed at this stage, and such effects are contained in both original and seasonally adjusted series.

17. Details about the method of seasonal adjustment of these series are available on request.

#### Standard Institutional Sector Classification of Australia (SISCA)

18. SISCA is a system for classifying institutional units by broad economic sectors and is a key component of the general national accounting framework. For the purposes of these statistics the classification has been used to separate public sector enterprises into public business (trading and financial) and general government. Certain public sector data have been classified by SISCA and are presented in Tables 6, 7 and 8.

#### Comparability of results

19. This series differs in several important ways from the former payroll tax-based civilian employees series, and estimates of employed wage and salary earners obtained from the Labour Force Survey (LFS). It provides an estimate of the number of jobs occupied by people, whereas the other two series provide estimates of the number of people in jobs. For this series, data are obtained directly from a sample survey of employer units drawn from the ABS register of business units, which is more complete than the coverage provided by employers subject to payroll tax. Comparability with LFS estimates is affected by the use of a different survey methodology and definitions. In addition, because of unavoidable time delays, which can vary across States, lags occur between the birth of new businesses and their appearance on the ABS register. They will not be represented in the sample selected from the register for one or two quarters after such businesses have commenced operation. As a consequence, estimates of movements in this series will lag those produced from the LFS, particularly at a time of upward movement in the business cycle. A detailed description of the comparability between the SEE series, the former payroll tax-based Civilian Employees series and the series provided by the LFS is presented in the *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0). Additional detail on the differences between the SEE and the LFS series appears in the *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0), and in the supplement to the December 1986 issue of the *Treasury Roundup*.

20. Separate estimates of full-time and part-time employees are included in Table 9. For definitions of these terms, see Appendix 2 - Glossary. This table was first published in the June quarter 1987 issue of this publication and has not been published for previous quarters back to September 1983. This information is available on request. For the reasons outlined above in paragraph 19, it is difficult to compare estimates of full-time and part-time employees derived from the SEE with those produced from the LFS. Generally, the number of full-time employees is higher in the LFS series, and the number of part-time employees is higher in the SEE series. In the LFS, a person who works more than 35 hours a week in total in two (or more) part-time jobs is classified as working full-time. However, in this situation, the SEE would show two part-time jobs as having been filled.

21. The SEE collects total quarterly employee earnings primarily for use in estimating the gross domestic product component of the Australian National Accounts. Whilst average employee earnings can be derived from these data, the results will not be comparable with those from the Survey of Average Weekly Earnings (AWE) published in *Average Weekly Earnings, States and Australia* (6302.0). The SEE collects the sum of employee earnings paid in all pay periods ending in a quarter and the results will be affected by the varying number of pay periods from quarter to quarter, whereas the AWE relates to a specified pay period within a quarter and is not subject to such influences. In addition, certain types of payments within the scope of the SEE, such as retrospective pay, pay in advance, leave loadings and severance, termination and redundancy payments are specifically excluded from the AWE. The SEE earnings data are also subject to seasonal variations particularly in December and March quarters due to the incidence of holidays taken in January being paid in advance and the earnings being reported in December quarter figures.

22. Prior to July 1983 the number of public sector employees was derived from a variety of administrative sources and published in *The Labour Force, Australia* (6203.0). Public sector employee figures for July 1983 and subsequent months are based on data obtained from government departments and authorities using the same questionnaire, definitions, reference period, collection and processing procedures as for the sample of private employer units.

23. Differences occur between the new and old public sector series because of the changes to collection arrangements, reference period, the treatment of part-time employees and inclusion of public employees in forestry and services to agriculture (11,200 in May 1983). To provide a statistical link between the new and old public sector series, information on the new and old basis for April, May and June 1983 was released in the September quarter 1983 issue of this publication.

#### **Employer unit size classification**

24. Data presented in Table 20 show the concentration of employees in employer units in three size ranges. Over a period, the composition of these categories will vary as some employer units migrate from one size group to another due to changes in their employment levels. This will affect changes over time in the distribution of employees by size of employer unit.

25. The estimates shown in Table 20 are compiled using a different method to that used for all other tables in this publication. Due to the complex nature of the programming involved in the compilation process, the industry estimates do not add exactly down the columns to the total. The estimates do, however, add across the rows to the totals for persons and gross earnings.

#### **Semi-logarithmic graphs**

26. Diagram 5 on page 3 has been drawn using a logarithmic vertical scale to facilitate comparisons of rates of growth in series of differing magnitude. Equal distan-

ces on the vertical scale (over equal time periods) indicate equal rates of growth.

#### **Related publications**

27. Users may also wish to refer to the following publications which are available on request:

*The Labour Force, Australia* (6203.0) — issued monthly

*Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0) — issued 11 July 1985

*Average Weekly Earnings, Australia (Preliminary)* (6301.0) and *Average Weekly Earnings, States and Australia* (6302.0) — issued quarterly

*Occasional Paper No. 1986/1: Statistics on Wages, Earnings, Income and Labour Costs — A Guide to Their Concepts, Measurement and Usage* — issued June 1986

*Labour Statistics, Australia* (6101.0) — issued annually

*A Guide to Labour Statistics* (6102.0) — issued 10 February 1986

*Small Business in Australia 1990* (1321.0) — issued September 1991

*Labour Force Projections, Australia, 1992-2005* (6260.0) — issued 11 November 1991.

28. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released within the next few days. The Catalogue and Publications Advice are available from any ABS office.

#### **Unpublished statistics**

29. In some cases, the ABS can also make available other information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, computer printout, diskette, clerically-extracted tabulation. Generally, a charge is made for providing unpublished information. Inquiries should be made to Errol Preston on Canberra (06) 252 6511, or to Information Services in the nearest ABS office.

#### **Symbols and other usages**

- nil or rounded to zero
- \* subject to sampling variability too high for most practical purposes. See paragraph 3 of Appendix 1 - Technical Note
- r revised

30. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

## APPENDIX 1 - TECHNICAL NOTE

### Reliability of estimates

Estimates for both the private and public sectors in this publication are subject to sampling variability because they are based on information relating to a sample of employer units rather than a full enumeration, (i.e. they may differ from the figures that would have been produced if the information had been obtained from all employer units). This difference, called sampling error, should not be confused with inaccuracy that may occur because of imperfections in reporting by respondents or in processing by the ABS; such inaccuracy is referred to as non-sampling error and may occur in any enumeration, whether it be a full count or sample. Efforts have been made to reduce the non-sampling error by careful design of questionnaires, detailed checking of returns and quality control of processing.

2. The sampling error associated with any estimate can be estimated from the sample results. One measure of sampling error is given by the *standard error* which indicates the degree to which an estimate may vary from the value that would have been obtained from a full enumeration (the 'true' figure). There are about two chances in three that a sample estimate differs from the true value by less than one standard error, and about nineteen chances in twenty that the difference will be less than two standard errors.

3. If the standard error of an estimate is large relative to the size of the estimate, the usefulness of that estimate is seriously impaired. For the tables in this publication, estimates with standard errors greater than 25 per cent of the estimate have been labelled with an asterisk.

4. Standard errors of estimates of *level*, by industry, are shown in Table A for the private sector and Table B for the public sector and relate only to the third month of the quarter. As the survey is conducted quarterly from a common sample of employer units, who report details of employees for each month of the quarter, standard errors

on all estimates for total persons employed in each month are of a similar magnitude.

5. Standard errors of estimates of *movements*, provide a measure of the reliability of changes in the level of an estimate. Tables A and B show standard errors for movements in the level of estimates for the private and public sectors respectively for persons between the third month of successive quarters. Annual movement standard errors are also shown and relate to December 1989 - December 1990 movements.

6. An example of the use of standard error on *levels* is as follows. If the estimated number of wage and salary earners was 5,500,000 with a standard error of 25,000, then there would be about two chances in three that a full enumeration would have given a figure in the range 5,475,000 to 5,525,000 and about nineteen chances in twenty that it would be in the range 5,450,000 to 5,550,000.

7. An example of the use of standard error on *movements* is as follows. If the estimated standard error for a quarterly change estimate of wage and salary earners was 15,000 and the quarterly change estimate between two quarters was 40,000 persons, then there would be about two chances in three that a full enumeration would have given a quarterly change estimate in the range 25,000 to 55,000 persons and about nineteen chances in twenty that it would be in the range 10,000 to 70,000 persons.

8. Quarterly movements in estimates of employed wage and salary earners are considered to be statistically significant where they exceed two standard errors.

9. Standard errors for earnings are approximately the same relative size as standard errors for number of employees. Detailed standard errors for both employment and earnings are available on request.

TABLE A. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES — PRIVATE SECTOR :  
STANDARD ERRORS, JUNE 1991, PERSONS  
('000)

Industry	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
LEVEL									
Mining	0.9	0.2	2.3	0.2	0.9	0.1	0.2	—	2.6
Manufacturing	5.2	5.8	3.0	3.0	2.0	0.7	0.5	0.3	9.1
Construction	3.9	8.1	3.2	3.3	3.1	0.5	1.6	1.2	10.7
Wholesale and retail trade	13.3	8.8	8.3	6.4	3.3	1.6	1.1	1.4	19.5
Transport and storage	4.5	4.1	5.2	1.4	2.8	0.2	2.2	0.2	8.9
Finance, property and business services	14.9	9.9	6.0	2.5	3.4	1.0	2.5	1.7	19.6
Community services	6.8	8.1	5.9	4.2	2.3	1.0	1.4	1.0	13.1
Recreation, personal and other services(a)	11.4	7.1	4.4	1.9	2.6	0.6	1.0	1.3	14.6
<b>Total all industries</b>	<b>25.2</b>	<b>20.1</b>	<b>14.5</b>	<b>9.5</b>	<b>7.6</b>	<b>2.4</b>	<b>4.2</b>	<b>2.9</b>	<b>37.9</b>
QUARTERLY MOVEMENT									
Mining	0.4	0.1	2.3	0.1	0.6	—	0.1	—	2.4
Manufacturing	3.4	5.5	2.0	2.3	1.4	0.5	0.3	0.3	7.3
Construction	2.3	4.9	2.2	2.4	1.2	0.3	1.3	0.5	6.6
Wholesale and retail trade	6.0	5.1	3.7	3.0	2.1	1.0	1.0	1.1	9.6
Transport and storage	2.4	2.9	5.8	1.1	0.9	0.1	2.1	—	7.4
Finance, property and business services	7.9	6.1	3.7	1.4	1.9	0.4	1.3	1.0	11.1
Community services	3.9	4.9	4.2	1.7	1.5	0.5	0.7	0.4	7.9
Recreation, personal and other services(a)	6.6	4.7	3.2	2.2	1.9	0.5	0.7	0.6	9.3
<b>Total all industries</b>	<b>13.5</b>	<b>13.1</b>	<b>10.2</b>	<b>5.6</b>	<b>4.4</b>	<b>1.4</b>	<b>3.1</b>	<b>1.8</b>	<b>22.8</b>
ANNUAL MOVEMENT(b)									
Mining	1.3	0.3	1.5	0.2	1.3	—	0.2	—	2.4
Manufacturing	7.4	8.1	4.0	2.5	2.6	1.0	0.3	0.2	12.3
Construction	4.4	9.0	5.2	2.5	2.8	0.6	1.5	0.8	12.0
Wholesale and retail trade	11.3	12.2	8.9	6.8	3.0	1.6	1.4	1.2	20.4
Transport and storage	6.1	2.7	5.5	—	4.0	0.4	0.3	1.5	9.6
Finance, property and business services	13.6	12.1	9.0	2.6	4.6	1.3	1.3	1.4	21.1
Community services	5.3	4.8	4.9	3.7	4.4	4.4	0.9	0.6	11.3
Recreation, personal and other services(a)	8.9	5.6	5.7	1.8	2.2	0.8	1.0	1.0	12.4
<b>Total all industries</b>	<b>23.1</b>	<b>22.4</b>	<b>17.1</b>	<b>9.1</b>	<b>9.3</b>	<b>5.1</b>	<b>2.9</b>	<b>2.8</b>	<b>39.2</b>

(a) Excludes private households employing staff. (b) See paragraph 5 in Appendix 1.

Industry industry is classified according to the Australian Standard Industrial Classification (ASIC) 1983 Edition (1983).

Institutional service is defined as service classified according to the Australian Standard Service Classification of Australian Industry 1987 Edition (1987).

Local government employees are classified by superannuation and pension arrangements created by or other than by State or Commonwealth legislation, such as those in the Australian Capital Territory.

State government employees, Post Office employees or employees of State Parliament, or of which the Commonwealth has sole responsibility, e.g. universities, Federal Parliament, the Northern Territory and the Australian Capital Territory administrations have been classified as "State" governments. Employees of State governments employed in the public service are included in the estimates of the State in which they are based.

Local government employees, Post Office employees or employees of State Parliament, or of which the Commonwealth has sole responsibility, e.g. universities, Federal Parliament, the Northern Territory and the Australian Capital Territory administrations have been classified as "State" governments. Employees of State governments employed in the public service are included in the estimates of the State in which they are based.

TABLE B. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES — PUBLIC SECTOR :  
STANDARD ERRORS, JUNE 1991, PERSONS  
('000)

Industry	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
LEVEL									
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	—	—
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	—	0.5	0.2	—	—	—	—	—	0.5
Electricity, gas and water	0.1	0.1	0.2	0.4	—	—	—	—	0.5
Construction	—	—	—	—	—	—	—	—	—
Wholesale and retail trade	—	—	—	0.1	0.1	—	—	—	0.1
Transport and storage	0.7	1.5	0.1	—	—	—	—	—	1.7
Communication	—	0.1	—	—	—	—	—	—	0.1
Finance, property and business services	0.4	0.1	0.2	—	—	—	—	—	0.4
Public administration and defence(a)	2.1	1.6	0.8	0.6	0.2	0.1	—	—	2.9
Community services	2.0	0.5	1.4	0.6	0.5	0.4	—	—	2.6
Recreation, personal and other services	0.9	—	—	—	—	—	—	—	0.9
Total all industries	2.6	2.4	1.6	1.0	0.5	0.4	—	—	4.1
QUARTERLY MOVEMENT									
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	—	—
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	—	0.5	—	—	—	—	—	—	0.5
Electricity, gas and water	—	0.1	—	0.4	—	—	—	—	0.4
Construction	—	—	—	—	—	—	—	—	—
Wholesale and retail trade	—	—	—	0.1	—	—	—	—	0.1
Transport and storage	0.5	1.0	0.1	—	—	—	—	—	1.1
Communication	—	0.1	—	—	—	—	—	—	0.1
Finance, property and business services	0.2	—	0.1	—	—	—	—	—	0.3
Public administration and defence(a)	1.3	0.9	0.4	0.5	0.1	—	—	—	1.6
Community services	0.6	0.1	0.7	0.1	0.5	0.4	—	—	1.1
Recreation, personal and other services	0.6	—	—	0.1	—	—	—	—	0.6
Total all industries	0.4	1.5	0.8	0.7	0.5	0.4	—	—	2.0
ANNUAL MOVEMENT(b)									
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	—	—
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—
Electricity, gas and water	—	0.1	0.1	—	—	—	—	—	0.1
Construction	—	—	—	—	—	—	—	—	—
Wholesale and retail trade	1.0	—	—	—	—	—	—	—	1.0
Transport and storage	0.1	0.5	0.1	—	—	—	—	—	0.5
Communication	—	0.1	—	—	—	—	—	—	0.1
Finance, property and business services	0.2	0.1	0.1	—	—	0.1	—	—	0.3
Public administration and defence(a)	0.6	1.3	0.7	0.7	0.1	—	—	—	1.7
Community services	1.1	3.0	1.4	0.5	—	—	—	—	3.5
Recreation, personal and other services	0.7	—	—	—	—	—	—	0.1	0.7
Total all industries	1.5	3.3	1.6	0.9	0.1	0.1	—	0.1	4.1

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) See paragraph 5 in Appendix 1.

## APPENDIX 2 - GLOSSARY

**Commonwealth government employees.** Persons employed by all departments, agencies and authorities created by or reporting to the Commonwealth Parliament, including trading bodies such as banks, airlines and communications bodies. Those bodies run jointly by Commonwealth and State governments are classified to Commonwealth.

**Employer units** are the statistical units which make up the population from which the sample was drawn (see paragraph 6 of the Explanatory Notes).

**Employer unit size.** To derive estimates of employer unit size, each of the approximately 15,000 private sector employer units is allocated a size classification based on the number of employees actually reported for the middle month of the quarter. The size classification reflects the size of an enterprise in a particular State/Territory and not necessarily the size of an enterprise Australia wide.

**Full-time employees.** Permanent, temporary and casual employees who normally work the agreed or award hours for a full-time employee in their occupation and who received pay for any part of the reference period. If agreed or award hours do not apply, employees are regarded as full-time if they ordinarily work 35 hours or more per week.

**General government enterprises.** Public sector enterprises mainly engaged in the production of goods and services, outside the normal market mechanisms, providing these goods and services to the general public. The costs of operations are often financed from public revenues. e.g. Governments Departments.

**Gross earnings.** Payments to employees before tax and other items (such as superannuation) are deducted. They comprise ordinary time and overtime earnings; overaward payments; penalty payments, shift and other remunerative allowances; commissions and retainers; bonuses and similar payments; payments under incentive or piecework; payments under profit-sharing schemes; leave loadings; annual and long service leave payments; sick leave payments; advance and retrospective payments; salaries and fees paid to company directors, members of boards, committees, commissions, councils, etc.; amounts paid to employees on workers' compensation who continue to be paid through the payroll; and severance, termination and redundancy payments.

**Industry.** Industry is classified according to the *Australian Standard Industrial Classification (ASIC) 1983 Edition* (1201.0).

**Institutional sector.** Institutional sector is classified according to the *Standard Institutional Sector Classification of Australia (SISCA) 1987 Edition* (1218.0).

**Local government employees.** Persons employed by municipalities and shires and other local authorities created by or subject to the provisions of local government legislation, such as county councils in New South Wales.

**Number of employees.** All wage and salary earners who received pay for any part of the relevant pay period. All permanent, temporary, casual, managerial and executive employees are included. Part-time and casual employees who may have worked only a few hours during the reference period are included. Employees on paid leave and those employees on workers' compensation who continue to be paid through the employer's payroll are also included. Casual employees who work on an irregular basis and who were not paid during the relevant pay period, employees on leave without pay, on strike or stood down without pay for the whole of the pay period are excluded.

**Part-time employees.** Permanent, temporary and casual employees who are not classified as full-time employees as defined.

**Public employees.** Administrative employees and all other employees of Commonwealth, State and Local government businesses and financial undertakings engaged in services such as railways, road transport, banks, postal and telecommunications, air transport, education, radio, television, police, public works, factories, marketing authorities, hospitals and welfare institutions.

**Public financial enterprises.** Public sector enterprises actively involved in financial market transactions such as borrowing and lending. Excluded are those public bodies whose funds flow directly to or from general government revenue.

**Public trading enterprises.** Public sector enterprises predominately engaged in the production of goods and services with an intention of maximising profits and financial returns with most operating costs being derived from trading activities.

**Reference period for the number of employees.** The last pay period ending on or before the third Friday in each month.

**Reference period for earnings.** All pay periods for which the end of the pay period falls within the quarter.

**Sector.** Public sector includes local government authorities and all government departments, agencies and authorities created by, or reporting to, the Commonwealth and State Parliaments. All remaining employees are classified as private sector.

**State government employees.** Persons employed by all State government departments and authorities created by, or reporting to, State Parliaments, including organisations for which the Commonwealth has assumed financial responsibility, e.g. universities. Following self-government, the Northern Territory and the Australian Capital Territory administrations have been classified to 'State' governments. Employees of State governments employed interstate are included in the estimates of the State in which they are based.

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